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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,746,925

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,746,925

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) **$269**

6. **Preliminary examination fee** (Rule 58) **$800**

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*)) **269 $**

6. **Taxe d'examen préliminaire** (Règle 58) **800 $**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 29, 2017 contains applications open to public inspection from August 13, 2017 to August 19, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 29 août 2017 contient les demandes disponibles au public pour consultation pour la période du 13 août 2017 au 19 août 2017.

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August 29, 2017

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[54] **COMPOSITIONS AND METHODS FOR MODULATING BLOOD-BRAIN BARRIER TRANSPORT**
[54] **COMPOSITIONS ET PROCEDES DE MODULATION DU TRANSPORT A TRAVERS LA BARRIERE HEMATHO-ENCEPHALIQUE**
[72] BELIVEAU, RICHARD, CA
[72] DEMEULE, MICHEL, CA
[72] YANG, JOSEPH, CA
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[54] **PROMOTEUR D'IL-18BP, SA PREPARATION ET SON UTILISATION**
[72] NOVICK, DANIELA, IL
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[72] HURGIN, VLADIMIR, IL
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[54] **SYSTEMES MOINS INVASIFS POUR L'ELIMINATION DES COUSSINETS ADIPEUX**
[72] SCHWARTZ, YITZHACK, IL
[73] BIOSENSE WEBSTER, INC., US
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[54] **METHOD OF TREATING MYASTHENIA GRAVIS COMPRISING A EV576 OR OMCL PROTEIN**
[54] **PROCEDE DE TRAITEMENT DE LA MYASTHENIE GRAVE COMPRENANT UNE PROTEINE EV576 OU OMCL**
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[54] **METHOD AND SYSTEM FOR COLLECTING METER READINGS IN WIRELESS TRANSMISSIONS FROM UNLISTED CUSTOMERS**
[54] **METHODE ET SYSTEME DE RELEVES DE COMPTEURS APPLICABLES AUX TRANSMISSIONS SANS FIL DES CLIENTS NON ENREGISTRES**
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[72] LOWE, DAVID J., US
[72] LAZAR, MARK, US
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[54] **APPAREIL DE BRACHYTHERAPIE ET PROCEDES POUR SON UTILISATION**
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[54] **SYSTEME ET METHODE DE CONSTITUTION DE FONDS DISPONIBLES POUR LE JEU**
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[54] **GRAFT-VERSUS-HOST DISEASE PREDICTING MARKER AND USE THEREOF**
[54] **MARQUEUR DE PREDICTION DE MALADIE DU GREFFON CONTRE L'HOTE ET SON UTILISATION**
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[73] UNIVERSITY OF TSUKUBA, JP
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[54] **CORRECTEUR, PROGRAMME D'ORDINATEUR ET PROCEDE DE CORRECTION SEMANTIQUE, SYNTAXIQUE ET LEXICALE D'UNE EXPRESSION ERRONEE DANS UN TEXTE NUMERIQUE**
[72] VESSIERE, GILLES, FR
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[54] **COMPUTERIZED EVALUATION OF PROCESS CONTROL DEVICE SIGNATURE GRAPHS**
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[54] **METHOD FOR OPERATING A GAS TURBINE AND ALSO GAS TURBINE FOR CARRYING OUT THE METHOD**
[54] **PROCEDE POUR FAIRE FONCTIONNER UNE TURBINE A GAZ ET TURBINE A GAZ PERMETTANT LA MISE EN OEUVRE DU PROCEDE**
[72] NEMET, ANTON, CH
[72] ZHANG, XIAO-YI, CH
[73] ANSALDO ENERGIA IP UK LIMITED, GB
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[54] **SYSTEME DE DETECTION OPTIQUE ET DISPOSITIFS OPTIQUES POUR UN TEL SYSTEME**
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[73] PHOTONIC DETECTION SYSTEMS PTY LTD, AU
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[54] **PRRG4-ASSOCIATED COMPOSITIONS AND METHODS OF USE THEREOF IN METHODS OF TUMOR DIAGNOSIS**
[54] **COMPOSITIONS ASSOCIEES A PRRG4 ET PROCEDES D'UTILISATION DE CELLES-CI DANS DES PROCEDES DE DIAGNOSTIC DE TUMEUR**
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[72] KHAZI, FAYAZ R., US
[72] CHU, KIRK, US
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[72] YAZICIOGLU, MUSTAFA, US
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[73] E-Z BEAD, LLC, US
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[72] O'SULLIVAN, MARTIN, US
[72] WU, SUE-LYNN, US
[73] BIOSENSE WEBSTER, INC., US
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[54] **REDUCTION DE L'INTERFERENCE OPTIQUE DANS UN DISPOSITIF FLUIDIQUE**
[72] GIBBONS, IAN, US
[72] O'CONNELL, MICHAEL, US
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[54] **THERAPEUTIC USE OF AT LEAST ONE BOTULIC NEUROTOXIN IN THE TREATMENT OF PAIN INDUCED BY AT LEAST ONE ANTINEOPLASTIC AGENT**
[54] **UTILISATION THERAPEUTIQUE D'AU MOINS UNE NEUROTOXINE BOTULIQUE DANS LE TRAITEMENT DE LA DOULEUR INDUITE PAR AU MOINS UN AGENT ANTI-CANCEREUX**
[72] FAVRE, CHRISTINE, FR
[72] AUGUET, MICHEL, FR
[72] CHABRIER DE LASSAUNIERE, PIERRE-ETIENNE, FR
[73] IPSEN PHARMA S.A.S., FR
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[54] **MOULURE POUR EXTERIEUR DE BATIMENT ET APPAREIL DE COUPE ASSOCIE**
[72] TRIPP, SCOTT, CA
[73] TRIPP, SCOTT, CA
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[54] **JOINT ACTUATION MECHANISM FOR A PROSTHETIC AND/OR ORTHOTIC DEVICE HAVING A COMPLIANT TRANSMISSION**
[54] **MECANISME D'ACTIONNEMENT D'UNE ARTICULATION POUR DISPOSITIF PROTHETIQUE OU ORTHETIQUE A TRANSMISSION FLEXIBLE**
[72] GILBERT, BENOIT, CA
[72] LANDRY, DAVID, CA
[73] VICTHOM LABORATORY INC., CA
[85] 2009-06-26
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[54] **POWER TRANSMISSION ASSEMBLY WITH FACE MOUNTED BI-DIRECTIONAL SHIFT CLUTCHES**
[54] **TRANSMISSION MECANIQUE AVEC EMBRAYAGE BIDIRECTIONNEL MONTE SUR UNE FACE**
[72] FITZGERALD, BRIAN M., US
[73] MAGNA POWERTRAIN USA, INC., US
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[25] FR
[54] **METHOD FOR ENABLING SECURE EXECUTION OF A TRANSACTION USING A PORTABLE PROGRAMMABLE DEVICE**
[54] **PROCEDE DE SECURISATION D'UNE TRANSACTION EXECUTEE AU MOYEN D'UN DISPOSITIF PORTABLE PROGRAMMABLE**
[72] BLANCHET, JEAN-BERNARD, FR
[73] INSIDE SECURE, FR
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[25] EN
[54] **HYBRID ORGANIC/INORGANIC CHEMICAL HYBRID SYSTEMS, INCLUDING FUNCTIONALIZED CALCIUM PHOSPHATE HYBRID SYSTEMS, AND A SOLID-STATE METHOD OF PRODUCING THE SAME**
[54] **SYSTEMES HYBRIDES ORGANIQUES/INORGANIQUES, COMPRENANT DES SYSTEMES HYBRIDES DE PHOSPHATE DE CALCIUM FONCTIONNALISE, ET UN PROCEDE DE PRODUCTION A L'ETAT SOLIDE DE TELS SYSTEMES**
[72] KARLINSEY, ROBERT L., US
[73] INDIANA NANOTECH DIVISION OF THERAMETRIC TECHNOLOGIES, INC., US
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[54] **METHOD OF EXPRESSION OF FOREIGN GENE IN PLANT INDUCED BY CHEMICAL SUBSTANCE**
[54] **PROCEDE D'EXPRESSION DE GENE ETRANGER DANS UNE PLANTE INDUITE PAR UNE SUBSTANCE CHIMIQUE**
[72] SAIJO, TAKANORI, JP
[72] NAGASAWA, AKITSU, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2009-09-03
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[54] **ARTICLES BALISTIQUES COMPOSITES PLIES EN DIAGONALE**
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[72] ARDIFF, HENRY G., US
[72] BHATNAGAR, ASHOK, US
[72] HURST, DAVID A., US
[72] WAGNER, LORI L., US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **METHOD AND APPARATUS FOR PROVIDING DATA PROCESSING AND CONTROL IN MEDICAL COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR REALISER LE TRAITEMENT ET LA COMMANDE DE DONNEES DANS UN SYSTEME DE COMMUNICATION MEDICAL**
[72] HAYTER, GARY, US
[73] ABBOTT DIABETES CARE INC., US
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[54] **COLLAPSIBLE PAPERBOARD CONTAINER AND A BLANK FOR CONSTRUCTING THE SAME**
[54] **CONTENANT EN CARTON PLIANT ET DECOUPE DE FABRICATION**
[72] DICKIE, ROBERT G., CA
[73] 2224568 ONTARIO INC., CA
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[54] **SYSTEME DE FIXATION DES OS**
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[54] **PROCEDE ET SYSTEME POUR PERMETTRE UNE PUBLICITE ET UNE TRANSACTION DANS UN CONTENU VIDEO GENERE PAR L'UTILISATEUR**
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[54] **COMPOSITIONS AND METHODS FOR ASSESSING CYTOTOXICITY OF SINGLE CELLS**
[54] **COMPOSITIONS ET METHODES D'EVALUATION DE LA CYTOTOXICITE DES CELLULES ISOLEES**
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[72] WALKER, BRUCE, US
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[73] GALACTICA PHARMACEUTICALS, INC., US
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[54] **SYSTEME DE CLOISONS ET SA METHODE D'ASSEMBLAGE**
[72] RIEBER, FREDERICK, US
[72] MCCARTHY, RONALD, CA
[73] YARDISTRY LIMITED, CA
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[54] **COMPOSITION PHARMACEUTIQUE ET COFFRET PHARMACEUTIQUE POUR LE TRAITEMENT D'UN CARCINOME HEPATOCELLULAIRE**
[72] BOLONDI, LUIGI, IT
[72] GIOVANNINI, CATIA, IT
[72] CHIECO, PASQUALE, IT
[72] MARCU, KENNETH, US
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[54] **METHOD FOR PRODUCING PEPTIDE**
[54] **PROCEDE DE FABRICATION D'UN PEPTIDE**
[72] KAJIHARA, YASUHIRO, JP
[72] SAKAMOTO, IZUMI, JP
[72] NAMBU, YURI, JP
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[54] **METHODS AND DEVICES FOR PROVIDING ACCESS INTO A BODY CAVITY**
[54] **METHODES ET DISPOSITIFS CONCUS POUR DONNER ACCES A UNE CAVITE ANATOMIQUE**
[72] WEISENBURGH, WILLIAM B., II, US
[72] HESS, CHRISTOPHER J., US
[72] MURRAY, MICHAEL A., US
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[72] BROWN, ROBIN J., US
[73] HUSKY CORPORATION, US
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[73] HANSA MEDICAL PRODUCTS, INC., US
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[54] **EXECUTING PROGRAMS BASED ON USER-SPECIFIED CONSTRAINTS**
[54] **EXECUTION DE PROGRAMMES SUR LA BASE DE CONTRAINTES SPECIFIEES PAR L'UTILISATEUR**
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[72] HOOLE, QUINTON R., US
[72] PATERSON-JONES, ROLAND, US
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[54] **COMPOSITIONS D'HUILE LUBRIFIANTE RENFERMANT UN ESTER SULFURISE**
[72] ELVIDGE, BENJAMIN R., GB
[72] DIGGS, NANCY Z., GB
[72] MILNE, NEAL J., GB
[72] MALE, NIGEL A., GB
[73] INFINEUM INTERNATIONAL LIMITED, GB
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[54] **PHENYL ACYL GUANIDINE DERIVATIVES AS F1F0-ATPASE INHIBITORS AND THE USE THEREOF**
[54] **DERIVES ACYLES PHENYLES DE GUANIDINE COMME INHIBITEURS DE LA F1F0-ATPASE ET LEUR UTILISATION**
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[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[54] **GESTION DE FLUX DE DONNEES DANS DES CALCULS A BASE DE GRAPHES**
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[72] WHOLEY, JOSEPH SKEFFINGTON, III, US
[73] AB INITIO TECHNOLOGY LLC, US
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[54] **METHODE ET APPAREIL AMELIORES DE CUISSON D'ALIMENTS A LA VAPEUR**
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[54] **INSTALLATION DE GESTION D'UNE BASE DE DONNEES**
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[54] **METHODES VISANT A DIMINUER LA TEMPERATURE LOCALE AU MOYEN DE MATERIAUX A ALBEDO ELEVE**
[72] FIELD, LESLIE A., US
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[85] 2010-04-07
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[54] **SYSTEME DE SURVEILLANCE ET DE REGULATION D'UN RESEAU EN TEMPS REEL**
[72] FRACCALVIERI, DONATO, IT
[72] D'ALEO, MARCO, IT
[72] FORLANO, LUIGI, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[25] EN
[54] **EXTRUDABLE AND EXTRUDED COMPOSITIONS FOR DELIVERY OF BIOACTIVE AGENTS, METHOD OF MAKING SAME AND METHOD OF USING SAME**
[54] **COMPOSITIONS EXTRUDABLES ET EXTRUDEES POUR L'ADMINISTRATION D'AGENTS BIOACTIFS, PROCEDES DE FABRICATION DE CELLES-CI ET PROCEDES UTILISANT CELLES-CI**
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[73] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **FLUID HEATING AND STORAGE TANK AND SYSTEM**
[54] **RESERVOIR DE STOCKAGE ET SYSTEME DE CHAUFFAGE DE FLUIDE**
[72] LIN, HUAZI, CA
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[73] W&E INTERNATIONAL (CANADA) CORP., CA
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[54] **SYSTEM AND METHOD FOR RE-ENCODING VIDEO USING VERSION COMPARISON DATA TO DETERMINE RE-ENCODING PARAMETERS**
[54] **SYSTEME ET PROCEDE DE RECODAGE VIDEO A L'AIDE DE DONNEES DE COMPARAISON DE VERSION AFIN DE DETERMINER LES PARAMETRES DE CODAGE**
[72] KAPOOR, ANAND, US
[73] THOMSON LICENSING, FR
[85] 2010-05-13
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[54] **DISPOSITIF DE REACTION ION-ION**
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[72] GREEN, MARTIN RAYMOND, GB
[73] MICROMASS UK LIMITED, GB
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[54] **DISPOSITIF D'ENTRAINEMENT DE GARDIEN DE BUT**
[72] COBHAM, ANDREW, CA
[73] COBHAM, ANDREW, CA
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[54] **PROCEDE DE FABRICATION D'UNE SAUCE DE COUCHAGE AVEC MISE EN OEUVRE D'UN EPAISSISSANT ACRYLIQUE A CHAINE HYDROPHOBE RAMIFIEE ET SAUCE OBTENUE**
[72] GANE, PATRICK ARTHUR CHARLES, CH
[72] SUAU, JEAN-MARC, FR
[73] OMYA INTERNATIONAL AG, CH
[85] 2010-06-10
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[25] EN
[54] **RECOMBINANT CELLS PRODUCING .OMEGA.-AMINOCARBOXYLIC ACIDS,.OMEGA.-AMINOCARBOXYLIC ACID ESTERS OR THEIR LACTAMS**
[54] **CELLULES RECOMBINANTES FABRIQUANT DES ACIDES ?-AMINOCARBOXYLIQUES, DES ESTERS D'ACIDES ?-AMINOCARBOXYLIQUES OU LEURS LACTAMES**
[72] KARAU, ANDREAS, FR
[72] SIEBER, VOLKER, DE
[72] HAAS, THOMAS, DE
[72] HAEGER, HARALD, DE
[72] GRAMMANN, KATRIN, DE
[72] BUEHLER, BRUNO, DE
[72] BLANK, LARS, DE
[72] SCHMID, ANDREAS, DE
[72] JACH, GUIDO, DE
[72] LALLA, BERND, DE
[72] MUELLER, ANDREAS, DE
[72] SCHULLEHNER, KATRIN, DE
[72] WELTERS, PETER, DE
[72] EGGERT, THORSTEN, DE
[72] WECKBECKER, ANDREA, DE
[73] EVONIK DEGUSSA GMBH, DE
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[25] FR
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[54] **DEMONSTRATEUR DE PROPRIETE HYDROPHOBE**
[72] CALANDRINI, FABIEN, FR
[72] NADOLNY, CAROLE, FR
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
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[54] **PRODUCTION DE SABLE BITUMINEUX SANS EMISSION DE CO2**
[72] BOERSETH, KNUT, NO
[72] CHRISTENSEN, TOR, NO
[72] FLEISCHER, HENRIK, NO
[73] CO2 CAPSOL AS, NO
[86] (2709604)
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[25] EN
[54] **METHOD OF PACKAGING AN ABSORBENT ARTICLE AND ATTACHING THE ABSORBENT ARTICLE TO AN UNDERGARMENT**
[54] **METHODE DE CONDITIONNEMENT D'UN ARTICLE ABSORBANT ET DE FIXATION DUDIT ARTICLE A UN SOUS-VETEMENT**
[72] FUNG, PAUL Y., US
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[72] TRAVERSO, PAOLO, IT
[73] MEDIOLANUM FARMACEUTICI S.P.A., IT
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[72] PAMULAPATI, GANAPATI REDDY, US
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[54] **PROCEDE DE TRAITEMENT PERMETTANT DE RECUPERER DE L'OXYDE DE FER ET DE L'ACIDE HYDROCHLORIQUE**
[72] TAKAHASHI, NOBUYOSHI, JP
[72] TAKI, OSAMA, JP
[72] WEISSENBAECK, HERBERT, AT
[72] VOGL, DIETER, AT
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[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] LIN, TSE-I, BE
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[54] **METHODS AND APPARATUS FOR INTRODUCING A MEDICAL DEVICE INTO THE BODY OF A PATIENT**
[54] **PROCEDES ET APPAREIL POUR INTRODUIRE UN DISPOSITIF MEDICAL DANS LE CORPS D'UN PATIENT**
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[72] COHN, WILLIAM E., US
[72] RENNICKS, K. WAYNE, US
[73] HOUSTON MEDICAL ROBOTICS, INC., US
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[54] **PROTHESE COMPRENANT UN NOYAU D'UN MATERIAU DE GEL AVEC UNE ENVELOPPE TISSEE ET PROCEDE POUR FABRIQUER CELLE-CI ET UTILISATION DE CELLE-CI**
[72] VAN DEN BROEK, PETER RONALD, NL
[72] HUYGHE, JACQUES MARIE RENE, BE
[72] WOGNUM, SILVIA, US
[72] NIJENBANNING, GERT, NL
[73] TECHNISCHE UNIVERSITEIT EINDHOVEN, NL
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[72] HODGES, ALASTAIR, AU
[73] UNIVERSAL BIOSENSORS PTY LTD, AU
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[72] FARRAR, QUINTON, US
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[54] **PILE A COMBUSTIBLE ET PROCEDE DE GENERATION D'ELECTRICITE L'UTILISANT**
[72] TAKEGUCHI, TATSUYA, JP
[72] UEDA, WATARU, JP
[73] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
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[54] **A COLLAGEN SCAFFOLD FOR CELL GROWTH AND A METHOD FOR PRODUCING SAME**
[54] **SUPPORT POUR CROISSANCE CELLULAIRE EN COLLAGENE ET SON PROCEDE DE PRODUCTION**
[72] ZHENG, MING HAO, AU
[73] ORTHOCELL LIMITED, AU
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[54] **SYSTEME ET PROCEDE DE GESTION DE SUPPORTS NUMERIQUES DANS UN ENVIRONNEMENT DE RESTAURANT A SERVICE RAPIDE**
[72] RAVENEL, J. PATRICK, US
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[54] **SYSTEME ET METHODE WIMAX AUTONOME**
[72] KOREN, OFIR, IL
[72] OVADYA, KOBI, IL
[72] GILIN, MICHAEL, IL
[73] SIEMENS ISRAEL LTD., IL
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[54] **ANTAGONISTES ET AGONISTES PARTIELS DES RECEPTEURS DE L'ADENOSINE A<SB>3</SB> ET AGONISTES PARTIELS**
[72] JACOBSON, KENNETH A., US
[72] MELMAN, ARTEM, US
[72] WANG, BEN BIH-REN, US
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[54] **SYSTEMES ET PROCEDES D'INJECTION DE VAPEUR A DE GRANDES PROFONDEURS**
[72] KAMINSKY, ROBERT D., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **RENDU INTERACTIF D'ENTITES PHYSIQUES**
[72] BRUASET, ARE MAGNUS, NO
[72] TARROU, CHRISTIAN HESTMARK, NO
[72] STENSBY, TROND VIDAR, NO
[72] SKOGSEID, JAKOB, NO
[73] STATOIL PETROLEUM AS, NO
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[54] **PROCEDE POUR DEDUIRE LA TEMPERATURE DANS UN VOLUME FERME**
[72] AGNEW, GERARD DANIEL, GB
[73] LG FUEL CELL SYSTEMS INC., US
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[54] **METHODE ET DISPOSITIF DE TEST DE PLAQUETTES SANGUINES**
[72] HOSOKAWA, KAZUYA, JP
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[54] **PROCEDES ET APPAREIL D'IMAGERIE COMBINES A LA RADIOTHERAPIE**
[72] ROBAR, JAMES LEONARD, CA
[72] MACDONALD, ALEXANDER OWEN, CA
[73] DALHOUSIE UNIVERSITY, CA
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[54] **PANNEAU ISOLE**
[72] ROTHWELL, JORDAN BYRON, CA
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[54] **DERIVES DE PLEUROMUTILINE AYANT UNE STABILITE METABOLIQUE AMELIOREE**
[72] MANG, ROSEMARIE, AT
[72] HEILMAYER, WERNER, AT
[73] NABRIVA THERAPEUTICS AG, AT
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[54] **METHOD AND MOLDING TOOL FOR PRODUCING STRUCTURAL PARTS MADE OF FIBER-REINFORCED COMPOSITE MATERIAL USING MICROWAVES**
[54] **PROCEDE ET OUTIL DE FORMAGE PERMETTANT LA FABRICATION DE PIECES EN MATERIAU COMPOSITE RENFORCE PAR DES FIBRES A L'AIDE DE MICRO-ONDES**
[72] HERKNER, THOMAS MATHIAS, DE
[73] GKN AEROSPACE SERVICES LIMITED, GB
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[54] **LUBRIFIANTS DE MOTEUR RENFERMANT DU FURANE**
[72] MOSIER, PATRICK E., US
[72] BROWN, JASON R., GB
[72] GIESELMAN, MATTHEW D., US
[72] SCHROECK, CALVIN W., US
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[54] **INFLATABLE DEVICES FOR ENTERIC FISTULA TREATMENT**
[54] **DISPOSITIF GONFLABLE POUR LE TRAITEMENT D'UNE FISTULE ENTERIQUE**
[72] MAVANI, AKSHAY, US
[72] FONG, KENTON, US
[72] BANSNER, LEIF ERIK, US
[72] MAIER, NATHAN CHRISTOPHER, US
[72] HU, DEAN, US
[72] CARRISON, HAROLD FRANCIS, US
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[54] **ALIMENTATION D'AIR PRINCIPALE REGLABLE AMELIOREE POUR DISPOSITIF DE CHAUFFAGE AU BOIS**
[72] MARCAKIS, EMMANUEL, CA
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[54] **STRUCTURE D'APPLICATION DE PAIEMENT**
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[72] AT-TARAS, MUSAAB, US
[72] KOROSEC, JASON ALEXANDER, US
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[72] GRAYZEL, JEFFREY, US
[72] GRAYZEL, JOSEPH, US
[73] GRAYZEL, JEFFREY, US
[73] GRAYZEL, JOSEPH, US
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[54] **PROTEINES DE FUSION D'ANTICORPS MULTIVALENTES**
[72] ADAMS, RALPH, GB
[72] HANCOCK, LAURA, GB
[72] HEYWOOD, SAM PHILIP, GB
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[54] **ORTHESE POUR LA CORRECTION DYNAMIQUE DE LA COURBURE DES ARTICULATIONS DU MEMBRE INFERIEUR**
[72] CERIOLI, MARIO, IT
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[54] **SUBSTRATES AND OPTICAL SYSTEMS AND METHODS OF USE THEREOF**
[54] **SUBSTRATS ET SYSTEMES OPTIQUES ET LEURS PROCEDES D'UTILISATION**
[72] ZHONG, CHENG FRANK, US
[72] LUNDQUIST, PAUL, US
[72] FOQUET, MATHIEU, US
[72] KORLACH, JONAS, US
[72] BAYANDORIAN, HOVIG, US
[73] PACIFIC BIOSCIENCES OF CALIFORNIA, INC., US
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[54] **POLYESTER MELT-PHASE COMPOSITIONS HAVING IMPROVED THERMO-OXIDATIVE STABILITY, AND METHODS OF MAKING AND USING THEM**
[54] **COMPOSITIONS DE POLYESTER EN PHASE FONDUE AYANT UNE STABILITE THERMO-OXYDANTE AMELIOREE, ET PROCEDES ASSOCIES DE FABRICATION ET D'UTILISATION**
[72] JENKINS, JASON CHRISTOPHER, US
[72] BRICKEY, DENNIS EDWARD, US
[72] HOWELL, EARL EDMONDSON JR., US
[72] GREENE, CAROL JUILLIARD, US
[73] GRUPO PETROTEMEX, S.A. DE C.V., MX
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[54] **SUBSTITUTED 3-AMINO-1-OXO OR THIOXO-1,2,5,6,7,8-HEXAHYDRO-2,7-NAPHTHYRIDINE-4-CARBONITRILES AS SELECTIVE ALPHA 2B ANTAGONISTS**
[54] **3-AMINO-1-OXO OU THIOXO-1,2,5,6,7,8-HEXAHYDRO-2,7-NAPHTYRIDINE-4-CARBONITRILES SUBSTITUES EN TANT QU'ANTAGONISTES SELECTIFS D'ALPHA-2B**
[72] CAPPIELLO, JOHN R., US
[72] CHOW, KEN, US
[72] HEIDELBAUGH, TODD M., US
[72] TAKEUCHI, JANET A., US
[72] GARST, MICHAEL E., US
[72] GIL, DANIEL W., US
[72] KEDZIE, KAREN M., US
[72] DONELLO, JOHN E., US
[73] ALLERGAN, INC., US
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[54] **DISPSOITIF ET PROCEDE DE RADIO PROGRAMMATION DES DISPOSITIFS TERMINAUX SANS FIL**
[72] POVOLNY, ROBERT, AT
[72] TIJINK, JASJA, AT
[73] KAPSCH TRAFFICCOM AG, AT
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[54] **METHOD AND APPARATUS FOR PRODUCING ALCOHOL OR SUGAR USING A COMMERCIAL-SCALE BIOREACTOR**
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'ALCOOL OU DE SUCRE UTILISANT UN BIOREACTEUR A L'ECHELLE INDUSTRIELLE**
[72] DESBARATS, ANDREW, CA
[72] ERHART, MICHAEL, US
[72] KREUTZER, JOE, US
[72] MORGAN, KEVIN, US
[72] YACYSHYN, VINCE, CA
[73] SCIENTEK LLC., US
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[30] US (61/105,906) 2008-10-16
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[54] **MAGNESIUM ALLOYS CONTAINING RARE EARTHS**
[54] **ALLIAGES DE MAGNESIUM CONTENANT DES TERRES RARES**
[72] LYON, PAUL, GB
[72] SYED, ISMET, GB
[72] BODEN, ANTONY JAMES, GB
[72] SAVAGE, KENNETH, GB
[73] MAGNESIUM ELEKTRON LIMITED, GB
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[54] **ELECTRICAL SWITCHING APPARATUS, AND LEVERING ASSEMBLY AND POSITION INDICATOR ASSEMBLY THEREFOR**
[54] **APPAREILLAGE DE COMMUTATION ELECTRIQUE, ENSEMBLE A LEVIER ET ENSEMBLE INDICATEUR DE POSITION POUR CET APPAREILLAGE**
[72] WEISTER, NATHAN J., US
[72] BOGDON, ERIK R., US
[72] RODGERS, CRAIG A., US
[73] EATON CORPORATION, US
[86] (2739947)
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[51] **Int.Cl. A61H 3/00 (2006.01) A61H 1/02 (2006.01) B25J 11/00 (2006.01)**
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[54] **DISPOSITIF DE GUIDAGE UTILISE AVEC UN LARYNGOSCOPE**
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[72] PATEL, ANIL, GB
[73] INDIAN OCEAN MEDICAL INC., SC
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[54] **EVITEMENT DE LIAISONS NON SPECIFIQUES DANS UN BIOCAPTEUR A ONDES ACOUSTIQUES A L'AIDE DE MOLECULES DE LIAISON ET DE DILUTION MODIFIANT LA SURFACE DU DISPOSITIF**
[72] THOMPSON, MICHAEL, CA
[72] SHEIKH, SONIA, CA
[72] SHENG, JACK CHIH-CHIEH, CA
[72] BLASZYKOWSKI, CHRISTOPHE, CA
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[54] **SYSTEME DE STOCKAGE ET DE VERROUILLAGE DE CYCLES**
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[72] MERCAT, LAURENT, FR
[72] MERCAT, DENIS, FR
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[73] UNIVERSE MACHINE CORPORATION, CA
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[54] **NOUVEAU MATERIAU INTERMEDIAIRE DE LARGEUR CONSTANTE SERVANT A FABRIQUER DES PIECES COMPOSITES PAR TRAITEMENT DIRECT**
[72] BERAUD, JEAN-MARC, FR
[72] BRUYERE, ALAIN, FR
[72] LAMETHE, JEAN-FLORENT, FR
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[54] **VALVULE CARDIAQUE PROTHETIQUE A RACCORDEMENT RAPIDE ET METHODES**
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[72] CHAU, MARK, US
[72] OBA, TRAVIS, US
[72] YAMBAO, AUGUST, US
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[72] FISCHER, REINER, DE
[72] LEHR, STEFAN, DE
[72] DITTGEN, JAN, DE
[72] FEUCHT, DIETER, DE
[72] GOERGENS, ULRICH, DE
[72] HAEUSER-HAHN, ISOLDE, DE
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[72] LOWMAN, HENRY B., US
[73] GENENTECH, INC., US
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[72] MUEHLEBACH, MICHEL, CH
[72] PITTERNA, THOMAS, CH
[72] CASSAYRE, JEROME YVES, CH
[72] EDMUNDS, ANDREW, CH
[72] CORSI, CAMILLA, CH
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[72] STOLLER, ANDRE, CH
[72] GODFREY, CHRISTOPHER RICHARD, CH
[72] SCHAETZER, JUERGEN HARRY, CH
[72] LOISELEUR, OLIVIER, CH
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[72] CARTER, NEIL BRIAN, GB
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[54] FORME CRISTALLINE C DU DICHLORHYDRATE DE TIGECYCLINE ET SES PROCEDES DE PREPARATION
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[72] WIESER, JOSEF, AT
[72] PICHLER, ARTHUR, AT
[72] DECRISTOFORO, MARTIN, AT
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[72] ANKERSMIT, HENDRIK JAN, AT
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[54] **NOUVEAUX POLYMORPHES DE DIHYDROGENOPHOSPHATE DE 6-(1-METHYL-1H-PYRAZOL-4-YL)-2-{3-[5-(2-MORPHOLIN-4-YL-ETHOXY)-PYRIMIDIN-2-YL]-BENZYL}-2H-PYRIDAZIN-3-ONE ET PROCEDES DE PREPARATION ASSOCIES**
[72] BECKER, AXEL, DE
[72] KUEHN, CLEMENS, DE
[72] SAAL, CHRISTOPH, DE
[72] SCHADT, OLIVER, DE
[72] DORSCH, DIETER, DE
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[72] GODFREY, GRAHAM, GB
[72] KEOGH, ANDREW JOSEPH, AU
[72] JACKSON, GRAHAM MAUDSLAY, GB
[72] CHILVER, IAN, GB
[73] MONDELEZ UK HOLDINGS & SERVICES LIMITED, GB
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[72] KEOGH, ANDREW JOSEPH, AU
[72] JACKSON, GRAHAM MAUDSLAY, GB
[72] CHILVER, IAN, GB
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[54] **DISPOSITIF ET PROCEDE DE SURVEILLANCE D'ACTIVITE**
[72] SRINIVASAN, SOUNDARARAJAN, US
[72] GACIC, ACA, US
[72] THIRUVENGADA, HARI, US
[72] CHARANIA, AMIRALI KAYAMALI, US
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[54] **ENDO-ILLUMINATION OPHTALMIQUE UTILISANT UNE LUMIERE GENEREE PAR FIBRE**
[72] ARTSYUKHOVICH, ALEXANDER N., US
[72] BUCZEK, MARK, US
[72] DACQUAY, BRUNO, US
[72] YADLOWSKY, MICHAEL J., US
[73] ALCON RESEARCH, LTD., US
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[54] **SOUCHES DE SACCHAROMYCES CEREVISIAE A APTITUDES PHYTOSANITAIRES**
[72] PUJOS, PHILIPPE, FR
[72] COLAVIZZA, DIDIER, FR
[72] VANDEKERCKOVE, PASCAL, FR
[73] LESAFFRE ET COMPAGNIE, FR
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[54] **KEY INTERMEDIATES FOR THE SYNTHESIS OF ROSUVASTATIN OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF**
[54] **INTERMEDIAIRES CLES POUR LA SYNTHESE DE LA ROSUVASTATINE OU DE SELS PHARMACEUTIQUEMENT ACCEPTABLES DE CELLE-CI**
[72] CASAR, ZDENKO, SI
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[73] LEK PHARMACEUTICALS D.D., SI
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[54] **PRODUITS THERAPEUTIQUES A BASE D'ALANINE-GLYOXYLATE AMINOTRANSFERASE**
[72] RODRIGUEZ PENA, MARIA SOL, NL
[72] PETRY, HARALD, NL
[72] TWISK, JAAP, NL
[72] VAN DEVENTER, SANDER JAN HENDRIK, NL
[72] SALIDO RUIZ, EDUARDO CARLOS, ES
[72] TORRES RAMIREZ, ARMANDO, ES
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[72] BUSCH-SORENSEN, THOMAS, US
[73] CUBIC CORPORATION, US
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[54] **DISPOSITIF ELECTROLUMINESCENT**
[72] BOERNER, HERBERT F., NL
[72] GOLDMANN, CLAUDIA M., NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[54] **PAPIER ET CARTON DE FAIBLE DENSITE AVEC REVETEMENT BIFACE**
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[72] GREEN, TERRELL, US
[72] BUSHHOUSE, STEVEN, US
[72] PARKER, STEVEN, US
[72] HOGAN, JASON RICHARD, US
[72] HER, WEI-HWA, US
[72] GINTHER, SCOTT, US
[73] MEADWESTVACO CORPORATION, US
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[54] **SYSTEMES ET PROCEDES POUR VERIFIER LES COMPETENCES D'UN OPERATEUR D'IMAGERIE MEDICALE PAR ULTRASONS**
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[54] **PREPARATION PHARMACEUTIQUE POUR LE TRAITEMENT DE MALADIES DERMATOLOGIQUES AUTO-IMMUNES**
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[54] **SYSTEME ET PROCEDE D'AMELIORATION DE L'AFFICHAGE D'INFORMATIONS RELATIVES A UN " APPELANT A L'INTERIEUR D'UN RESEAU" DANS UN DISPOSITIF MOBILE**
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[54] **INHALATEUR**
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[72] MENET, CHRISTEL JEANNE MARIE, BE
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[73] RSL STEEPER GROUP LIMITED, GB
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[54] **ENSEMBLES FIXATION EXTENSIBLE**
[72] STEPHAN, KAI, CH
[72] GRIFFITHS, BRYAN, US
[72] LEUENBERGER, SAMUEL, CH
[72] SCHOUTENS, ROBERT, CH
[72] MEMMOLO, MARCELLO, CH
[72] PRICOPE, DANIELA, CH
[72] PONZER, RAINER, CH
[72] SCHLIENGER, ANDRE, CH
[73] DEPUY SYNTHES PRODUCTS, INC., US
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[54] **MOBILE WIRELESS COMMUNICATIONS DEVICE PROVIDING OBJECT REFERENCE DATA BASED UPON NEAR FIELD COMMUNICATIONS (NFC) AND RELATED METHODS**
[54] **DISPOSITIF DE COMMUNICATION SANS FIL FOURNISSANT DES DONNEES DE RENVOI A DES OBJETS REPOSANT SUR DES COMMUNICATIONS EN CHAMP PROCHE ET PROCEDES CONNEXES**
[72] HILL, THOMAS CASEY, US
[73] BLACKBERRY LIMITED, CA
[86] (2768166)
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[54] **AN APPARATUS FOR DECOMPOSING RUBBER PRODUCTS THROUGH PYROLYSIS**
[54] **APPAREIL DE DECOMPOSITION DE PRODUITS EN CAOUTCHOUC PAR PYROLYSE**
[72] ALI, MAZLAN, MY
[72] MOHD SHARIFF, SITI FATIMAH, MY
[72] WEBB, CHISTOPHER JOHN, GB
[73] 2198725 ONTARIO INC., CA
[85] 2012-01-13
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[54] **ITEM ACCUMULATION TABLE FOR CONVEYING EQUIPMENT**
[54] **TABLE D'ACCUMULATION D'ARTICLES POUR UNE INSTALLATION DE CONVOYAGE**
[72] PETROVIC, ZMAJ, FR
[73] GEBO PACKAGING SOLUTIONS FRANCE, FR
[85] 2012-01-16
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[54] **METHOD AND APPARATUS FOR GROWING PLANTS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE FAIRE POUSSER DES PLANTES**
[72] HARDER, SCOTT, US
[73] GROW TUBE, LLC, US
[85] 2012-01-19
[86] 2010-07-22 (PCT/US2010/042921)
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[25] EN
[54] **BASKETBALL SHOOTING TRAINING AID WITH AUTOMATICALLY ENGAGEABLE WRISTLET COUPLERS**
[54] **ACCESSOIRE D'ENTRAINEMENT AU TIR DE BASKET COMPRENANT DES PIECES D'ACCOUPLEMENT DE SERRE-POIGNETS A ACCOUPLEMENT AUTOMATIQUE**
[72] NAGEL, CHRISTOPHER D'ARCY, US
[72] WRIGHT, WILLIAM JASON, US
[73] NAGEL, CHRISTOPHER D'ARCY, US
[73] WRIGHT, WILLIAM JASON, US
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[86] 2010-07-09 (PCT/US2010/001937)
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[54] **DEVICE FOR SELECTIVELY DEPOSITING MOLTEN PLASTIC MATERIALS**
[54] **DISPOSITIF DE DEPOT SELECTIF DE MATIERES PLASTIQUES FONDUES**
[72] PLANTA TORRALBA, FRANCISCO JAVIER, ES
[72] PULIGA, FRANCESCO, ES
[72] RIBATALLADA DIEZ, JORGE, ES
[73] FUNDACIO EURECAT, ES
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[54] **PRECISION WIRE INCLUDING SURFACE MODIFIED ABRASIVE PARTICLES**
[54] **FIL DE PRECISION CONTENANT DES PARTICULES ABRASIVES A SURFACE MODIFIEE**
[72] DUMM, TIMOTHY, US
[72] NG, KAN-YIN, US
[73] DIAMOND INNOVATIONS, INC., US
[85] 2012-01-20
[86] 2010-08-02 (PCT/US2010/044148)
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[54] **ELECTRIC PATIO BISTRO**
[54] **BARBECUE DE PATIO ELECTRIQUE**
[72] AHMED, MALLIK, US
[73] W.C. BRADLEY CO., US
[85] 2012-01-24
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[25] EN
[54] **CELL PROTECTION IN DIALYSIS PATIENTS BY ADMINISTRATION OF A CREATINE COMPOUND**
[54] **PROTECTION DES CELLULES CHEZ DES PATIENTS EN DIALYSE GRACE A L'ADMINISTRATION D'UN COMPOSE A BASE DE CREATINE**
[72] KIRSCHNER, ULRICH, DE
[73] CREARENE LTD., BS
[85] 2012-01-05
[86] 2010-07-21 (PCT/EP2010/004458)
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[25] EN
[54] **STABILIZING BONE FIXATION ELEMENT**
[54] **ELEMENT STABILISANT DE FIXATION OSSEUSE**
[72] NARDINI, RETO, CH
[73] DEPUY SYNTHES PRODUCTS, LLC, US
[85] 2012-01-26
[86] 2010-08-16 (PCT/US2010/045601)
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[25] EN
[54] **PROCESS FOR OBTAINING 3,3-DIPHENYLPROPYLAMINES**
[54] **PROCEDE POUR L'OBTENTION DE 3,3-DIPHENYLPROPYLAMINES**
[72] LORENTE BONDE-LARSEN, ANTONIO, ES
[72] MARTIN PASCUAL, PABLO, ES
[72] LADERAS MUNOZ, MARIO, ES
[72] GUTIERREZ FUENTES, LUIS GERARDO, ES
[73] CRYSTAL PHARMA, S.A.U., ES
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[25] EN
[54] **FIBROUS STRUCTURES**
[54] **STRUCTURES FIBREUSES**
[72] LEIMBACH, ANGELA MARIE, US
[72] PRODOEHL, MICHAEL SCOTT, US
[72] MANIFOLD, JOHN ALLEN, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **UTILITY SCALE ELECTRIC ENERGY STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE D'ENERGIE ELECTRIQUE COMMERCIAL**
[72] PEITZKE, WILLIAM R., US
[72] BROWN, MATTHEW B., US
[72] ERDMAN, WILLIAM L., US
[72] SCOTT, ROBERT T., US
[72] MOORHEAD, WILLIAM H., US
[72] BLODGETT, DOUGLAS C., US
[72] SCOTT, DAVID L., US
[73] ADVANCED RAIL ENERGY STORAGE, LLC, US
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[86] 2010-08-08 (PCT/US2010/044819)
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[54] **FORMULATIONS AND METHODS FOR PROVIDING PROGESTIN-ONLY CONTRACEPTION WHILE MINIMIZING ADVERSE SIDE EFFECTS ASSOCIATED THEREWITH**
[54] **FORMULES ET METHODES POUR FOURNIR UNE CONTRACEPTION A LA PROGESTINE UNIQUEMENT TOUT EN MINIMISANT DES EFFETS SECONDAIRES INDESIRABLES ASSOCIES A CELLE-CI**
[72] EBERT, CHARLES, US
[72] HOEL, GARY, US
[72] ANIGBOGU, ANGELA, US
[72] ROY, SAMIR, US
[73] ALLERGAN SALES, LLC, US
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[54] **METHOD AND INSTRUMENTATION FOR DETECTION OF RAIL DEFECTS, IN PARTICULAR RAIL TOP DEFECTS**
[54] **PROCEDE ET INSTRUMENTATION POUR LA DETECTION DE DEFAUTS DE RAILS, EN PARTICULIER DES DEFAUTS DE FACE SUPERIEURE DES RAILS**
[72] LI, ZILLI, NL
[72] MOLODOVA, MARIJA, NL
[73] TECHNISCHE UNIVERSITEIT DELFT, NL
[85] 2012-02-13
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[54] **FRAME STRUCTURE AND CONTROL SIGNALING FOR DOWNLINK COORDINATED MULTI-POINT (COMP) TRANSMISSION**
[54] **STRUCTURE DE TRAME ET SIGNALISATION DE COMMANDE POUR UNE TRANSMISSION MULTIPOINT COORDONNEE (COMP) DE LIAISON DESCENDANTE**
[72] VRZIC, SOPHIE, CA
[72] BONTU, CHANDRA, CA
[72] YU, DONGSHENG, CA
[72] XU, HUA, CA
[72] EARNSHAW, ANDREW, CA
[72] FONG, MO-HAN, CA
[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
[85] 2012-02-13
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[30] US (61/234,253) 2009-08-14
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[54] **A METHOD AND A DEVICE FOR BRAZING**
[54] **PROCEDE ET DISPOSITIF DE BRASAGE**
[72] BAEVHAMMAR, TORSTEN, SE
[72] SVENSSON, BO, SE
[72] BAEVHAMMAR, JOHAN, SE
[73] SAFETRACK INFRASYSTEMS SISAB AB, SE
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[54] **5-(3,4-DICHLORO-PHENYL)-N-(2-HYDROXY-CYCLOHEXYL)-6-(2,2,2-TRIFLUORO-ETHOXY)-NICOTINAMIDE AND SALTS THEREOF AS HDL CHOLESTEROL RAISING AGENTS**
[54] **5-(3,4-DICHLORO-PHENYL)-N-(2-HYDROXY-CYCLOHEXYL)-6-(2,2,2-TRIFLUORO-ETHOXY)-NICOTINAMIDE ET SES SELS UTILISES COMME AGENTS AUGMENTANT LE CHOLESTEROL HDL**
[72] ROEVER, STEPHAN, DE
[72] WRIGHT, MATTHEW, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2012-02-17
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[54] **APPARATUS AND METHODS FOR HAIR EXTENSIONS**
[54] **APPAREIL ET PROCEDES POUR LA POSE DE RALLONGES CAPILLAIRES**
[72] VERBONAC, TRISTA, CA
[73] VERBONAC, TRISTA, CA
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[54] **ENSEMBLE ANCRAGE A VIS D'EXTREMITE**
[72] MSCHERRY, THOMAS W. (DECEASED), US
[73] COBRA ANCHORS CO., LTD., CA
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[54] **SYSTEM AND METHOD FOR DOWNDRAFT GASIFICATION**
[54] **SYSTEME ET PROCEDE POUR UNE GAZEIFICATION DESCENDANTE**
[72] MASON, JAMES MATTHEW, US
[73] ALL POWER LABS, INC., US
[85] 2012-02-24
[86] 2010-07-29 (PCT/US2010/043802)
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[25] EN
[54] **QUINAZOLINES AS POTASSIUM ION CHANNEL INHIBITORS**
[54] **QUINAZOLINES COMME INHIBITEURS DES CANAUX IONIQUES POTASSIQUES**
[72] JOHNSON, JAMES A., US
[72] LLOYD, JOHN, US
[72] FINLAY, HEATHER, US
[72] JIANG, JI, US
[72] NEELS, JAMES, US
[72] DHONDI, NAVEEN KUMAR, IN
[72] GUNAGA, PRASHANTHA, IN
[72] BANERJEE, ABHISEK, IN
[72] ADISECHAN, ASHOKKUMAR, IN
[73] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **AUTOMATIC TERMINATION PATH CONFIGURATION**
[54] **CONFIGURATION DE TRAJET D'ACHEVEMENT AUTOMATIQUE**
[72] DECONCILIS, MICHAEL F., US
[72] MOORE, RICHARD, US
[73] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2012-02-29
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[54] **MONITORING AND TRACKING ATHLETIC ACTIVITY**
[54] **CONTROLE ET SUIVI D'UNE ACTIVITE ATHLETIQUE**
[72] HOFFMAN, MICHAEL T., US
[72] CRANKSON, KWAMINA, US
[72] NIMS, JASON, US
[73] NIKE INNOVATE C.V., US
[85] 2012-03-05
[86] 2010-08-12 (PCT/US2010/045244)
[87] (WO2011/028383)
[30] US (61/240,185) 2009-09-04
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[54] **APPARATUS FOR SUPPORTING A WHEEL OF A VEHICLE**
[54] **APPAREIL DESTINE A PORTER UNE ROUE DE VEHICULE**
[72] DANTAS, ROY JUDE, CA
[72] MUSTATA, ALEXANDRU P., CA
[73] SNAP-ON TOOLS OF CANADA, LTD., CA
[85] 2012-03-07
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[54] **FILTRATION FINALE A MULTIPLES ETAPES**
[72] FALKENSTEIN, ROBERTO, DE
[72] SCHWENDNER, KLAUS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[51] **Int.Cl. A61B 17/17 (2006.01) A61B 17/56 (2006.01)**
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[54] **FLEXIBLE ACL INSTRUMENTATION, KIT AND METHOD**
[54] **INSTRUMENTATION SOUPLE, NECESSAIRE ET METHODE APPLICABLES AUX LIGAMENTS CROISES ANTERIEUR DU GENOU**
[72] STEINER, MARK, US
[72] PILGERAM, KYLE CRAIG, US
[72] WEST, RAYMOND, US
[72] WYMAN, JEFFREY, US
[72] OREN, RAN, IL
[72] ZAKAI, ERAN, IL
[72] RASH, ELAD, IL
[73] HOWMEDICA OSTEONICS CORP., US
[86] (2773849)
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[22] 2012-04-10
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[25] EN
[54] **PREPARATION OF MESOPOROUS AND MACROPOROUS SILICA GEL**
[54] **PREPARATION DE GEL DE SILICE MESOPOREUX ET MACROPOREUX**
[72] EVERDAHL, THOMAS, DK
[73] FEF CHEMICALS A/S, DK
[85] 2012-03-09
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[51] **Int.Cl. C07C 67/02 (2006.01) C07C 69/58 (2006.01) C08G 18/36 (2006.01)**
[25] FR
[54] **NOVEL CASTOR OIL DERIVATIVES AND METHOD FOR THE PRODUCTION THEREOF**
[54] **NOUVEAUX DERIVES D'HUILE DE RICIN ET LEUR PROCEDE DE PREPARATION**
[72] CRAMAIL, HENRI, FR
[72] BOYER, AURELIE, FR
[72] CLOUTET, ERIC, FR
[72] ALFOS, CARINE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[85] 2012-03-09
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[30] FR (0956258) 2009-09-11

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[51] **Int.Cl. G06Q 50/00 (2012.01)**
[25] EN
[54] **PANDEMIC DIAGNOSTIC AND INTERVENTION TOOL FOR EMERGENCY DISPATCH**
[54] **OUTIL D'ETABLISSEMENT DE DIAGNOSTIC DE PANDEMIE ET D'INTERVENTION POUR REPARTITION D'URGENCE**
[72] CLAWSON, JEFFREY J., US
[73] CLAWSON, JEFFREY J., US
[85] 2012-03-13
[86] 2010-07-27 (PCT/US2010/043311)
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[51] **Int.Cl. A61K 9/19 (2006.01)**
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[54] **ORAL SOLID DOSAGE FORM CONTAINING NANOPARTICLES AND PROCESS OF FORMULATING THE SAME USING FISH GELATIN**
[54] **FORME POSOLOGIQUE ORALE SOLIDE CONTENANT DES NANOPARTICULES ET PROCEDE POUR SA FORMULATION AU MOYEN DE GELATINE DE POISSON**
[72] BAHL, DEEPAK, US
[72] CROWLEY, KIERAN JAMES, US
[72] YU, DANNY, US
[73] R.P. SCHERER TECHNOLOGIES, LLC, US
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[54] **MULTI-MODALITY CONTRAST AND BRIGHTFIELD CONTEXT RENDERING FOR ENHANCED PATHOLOGY DETERMINATION AND MULTI-ANALYTE DETECTION IN TISSUE**
[54] **CONTRASTE MULTI-MODALITES ET RENDU DE CONTEXTE EN FOND CLAIR POUR LA DETERMINATION AMELIOREE D'UNE PATHOLOGIE ET UNE DETECTION DE MULTIPLES ANALYTES DANS UN TISSU**
[72] GARSHA, KARL, US
[72] PESTANO, GARY, US
[72] OTTER, MICHAEL, US
[72] NAGY, ALEXANDRA DEA, US
[72] NAGLE, RAY B., US
[72] MILLER, PHILLIP, US
[72] FROEHLICH, JAN, US
[72] DAY, WILLIAM, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
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[54] **MANNANOHYDROLASE THERMOPHILE, ET FLUIDES DE FRACTIONNEMENT LA CONTENANT**
[72] ARMSTRONG, CHARLES DAVID, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2012-03-26
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[54] **CARTOUCHE DE TRANSDUCTEUR POUR TETE THERAPEUTIQUE A ULTRASONS**
[72] WING, GREGORY T., US
[72] BOCKENSTEDT, CRAIG R., US
[72] CRUNKILTON, JEFFREY R., US
[72] BENNETT, FREDERICK J., US
[73] LIPOSONIX, INC., US
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[25] EN
[54] **SYSTEMS, DEVICES, AND METHOD FOR PROVIDING INSERTABLE ROBOTIC SENSORY AND MANIPULATION PLATFORMS FOR SINGLE PORT SURGERY**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE FOURNITURE DE PLATE-FORMES ROBOTIQUES SENSORIELLES ET DE MANIPULATION INSERABLES POUR LA CHIRURGIE PAR TROCART UNIQUE**
[72] SIMAAN, NABIL, US
[72] XU, KAI, US
[72] GOLDMAN, ROGER, US
[72] DING, JIENAN, US
[72] ALLEN, PETER, US
[72] FOWLER, DENNIS, US
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[54] **EMULSIONS DE GLYCERINE DANS L'HUILE STABILISEES**
[72] BINDER, DAVID ALAN, US
[72] MEI, BING C., US
[72] DO, THI N., US
[72] WILLMS, GEORGE, US
[72] BAGHDADI, HOSSEIN A., US
[73] AVON PRODUCTS, INC., US
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[54] **VIADUCT SUPPORTED BY HYDRODYNAMIC ARRAY**
[54] **VIADUC SUPPORTE PAR UN RESEAU HYDRODYNAMIQUE**
[72] REID, NORM, CA
[72] BURGER, MARTIN, CA
[73] BLUE ENERGY CANADA INC., CA
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[54] **CORDLESS DENTAL HANDPIECE, SYSTEM INCLUDING A CORDLESS DENTAL HANDPIECE, AND METHOD OF CONNECTING A CORDLESS DENTAL HANDPIECE**
[54] **PIECE A MAIN DENTAIRE SANS CORDON, SYSTEME EN INCORPORANT UNE, ET PROCEDE DE CONNEXION D'UNE TELLE PIECE**
[72] CHRONISTER, BENJAMIN, US
[72] KILE, JEREMY, US
[72] NOVAK, EUGENE, US
[73] DENTSPLY INTERNATIONAL INC., US
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[72] DIENSTHUBER, FRANZ, DE
[73] CONTINENTAL REIFEN DEUTSCHLAND GMBH, DE
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[54] **HINGED NOZZLE VEHCILE DRYING ASSEMBLY**
[54] **APPAREIL DE SECHAGE POUR VEHICULE AVEC BUSE ARTICULEE**
[72] MCELROY, LUCIAN G., US
[72] MCELROY, CHRISTOPHER P., US
[73] PROTO-VEST, INC., US
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[54] **IMAGE DISPLAY, LABELED ARTICLE, AND METHODS OF MANUFACTURING THEREOF**
[54] **SUPPORT D'AFFICHAGE D'IMAGE, ARTICLE ETIQUETE, ET PROCEDE DE FABRICATION ASSOCIE**
[72] SHINODA, KOICHI, JP
[72] KOBAYASHI, HIROTAKA, JP
[73] TOPPAN PRINTING CO., LTD., JP
[85] 2012-04-11
[86] 2010-08-05 (PCT/JP2010/063326)
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[25] EN
[54] **POLYMERIC SYSTEMS FOR THE DELIVERY OF ANTICANCER AGENTS**
[54] **SYSTEMES POLYMERES POUR L'ADMINISTRATION D'AGENTS ANTICANCEREUX**
[72] LEE, YOUNG BOK, US
[72] KIM, DEOG JOONG, US
[72] AHN, CHANG HO, US
[73] REXAHN PHARMACEUTICALS, INC., US
[85] 2012-04-11
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[51] **Int.Cl. G10L 19/008 (2013.01)**
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[54] **APPARATUS, METHOD AND COMPUTER PROGRAM FOR PROVIDING ONE OR MORE ADJUSTED PARAMETERS FOR PROVISION OF AN UPMIX SIGNAL REPRESENTATION ON THE BASIS OF A DOWNMIX SIGNAL REPRESENTATION AND A PARAMETRIC SIDE INFORMATION ASSOCIATED WITH THE DOWNMIX SIGNAL REPRESENTATION, USING AN AVERAGE VALUE**
[54] **APPAREIL, PROCEDE ET PROGRAMME D'ORDINATEUR POUR FOURNIR UN OU PLUSIEURS PARAMETRES AJUSTES POUR LA FOURNITURE D'UNE REPRESENTATION DE SIGNAL DE MIXAGE SUPERIEUR SUR LA BASE D'UNEREPRESENTATION DE SIGNAL DE MIXAGE REDUCTEUR ET D'INFORMATIONS AUXILIAIRES PARAMETRIQUES ASSOCIEES A LA REPRESENTATION DE SIGNAL DE MIXAGE REDUCTEUR, A L'AIDE D'UNE VALEUR MOYENN**
[72] FALCH, CORNELIA, AT
[72] HERRE, JUERGEN, DE
[72] TERENTIV, LEON, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **FLUORO-SUBSTITUTED 2-ARYL-3,5-DICYANO-4-INDAZOLYL-6-METHYL-1,4-DIHYDROPYRIDINES AND USES THEREOF**
[54] **2-ARYL-3,5-DICYANO-4-INDAZOLYL-6-METHYL-1,4-DIHYDROPYRIDINES FLUORO-SUBSTITUEES ET LEURS UTILISATIONS**
[72] VAKALOPOULOS, ALEXANDROS, DE
[72] MICHELS, MARTIN, DE
[72] ZIMMERMANN, KATJA, DE
[72] TEUSCH, NICOLE, DE
[72] LOBELL, MARIO, DE
[72] ENGEL, KAREN, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[25] EN
[54] **SOLID PHARMACEUTICAL COMPOSITIONS CONTAINING AN INTEGRASE INHIBITOR**
[54] **COMPOSITIONS PHARMACEUTIQUES SOLIDES CONTENANT UN INHIBITEUR D'INTEGRASE**
[72] MAHJOUR, MAJID, US
[72] LI, FENG, US
[72] MA, DECHENG, US
[72] SOTTHIVIRAT, SUTTHILUG, US
[73] MERCK SHARP & DOHME CORP., US
[85] 2012-04-16
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[25] EN
[54] **SUNSCREEN COMPOSITION WITH FATTY ACID ALKANOLAMIDES**
[54] **COMPOSITION D'ECRAN SOLAIRE AVEC DES ALCANOLAMIDES D'ACIDE GRAS**
[72] POLONKA, JACK, US
[72] MISSO, LUIS ROBERTO, US
[73] UNILEVER PLC, GB
[85] 2012-05-01
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[54] **ILLUMINATEUR OPHTALMIQUE BLANC DICHROMATIQUE**
[72] ARTSYUKHOVICH, ALEXANDER, US
[73] ALCON RESEARCH, LTD., US
[85] 2012-05-03
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[54] **VARIABLE PERFORMANCE VALVE**
[54] **SOUPAPE A CALAGE VARIABLE**
[72] NIEMEYER, NATHAN, US
[72] CARSON, CHARLIE, US
[73] WOODWARD, INC., US
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[54] **LIANT HYDRAULIQUE CONTENANT UN LAITIER DE HAUT FOURNEAU MOULU**
[72] CANGIANO, STEFANO, IT
[72] PRINCIGALLO, ANTONIO, IT
[73] ITALCEMENTI S.P.A., IT
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[25] EN
[54] **INFORMATION STORAGE DEVICE, REMOVABLE DEVICE, DEVELOPER CONTAINER, AND IMAGE FORMING APPARATUS**
[54] **DISPOSITIF DE MEMORISATION D'INFORMATIONS, DISPOSITIF AMOVIBLE, CONTENANT POUR DEVELOPPATEUR, ET APPAREIL DE FORMATION D'IMAGES**
[72] TAKAHASHI, YASUFUMI, JP
[72] OHYAMA, KUNIHIRO, JP
[72] YAMANE, MASAYUKI, JP
[72] UCHITANI, TAKESHI, JP
[72] HAYAKAWA, TADASHI, JP
[72] TAKAHASHI, TAKUJI, JP
[72] OKABE, SHOUJI, JP
[72] SHINSHI, AKIRA, JP
[72] UEDA, YUICHIRO, JP
[72] TAKAHASHI, MASAKI, JP
[72] SATOH, YUUKI, JP
[73] RICOH COMPANY, LIMITED, JP
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[54] **GESTION DE PUISSANCE DE CANAL DANS SYSTEME DE COMMUNICATION OPTIQUE RAMIFIE**
[72] KOVSH, DMITRIY, US
[72] LI, HAIFENG, US
[73] TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC, US
[85] 2012-06-06
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[54] **MEDICAL DEVICE FOR MONITORING THE COMPLIANCE OF PATIENTS WITH APNEA**
[54] **DISPOSITIF MEDICAL DE SUIVI DE L'OBSERVANCE DE PATIENTS APNEIQUES**
[72] CARLOS, GERALDINE, FR
[72] DESFORGES, DANIEL, FR
[72] WEBER, CLAUDE, FR
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **RADICAL TRAP IN OIL AND GAS STIMULATION OPERATIONS**
[54] **PIEGE A RADICAUX DANS DES OPERATIONS DE STIMULATION DE PETROLE ET DE GAZ**
[72] SESHADRI, SRI R., US
[72] PALYS, LEONARD H., US
[72] FEORINO, JAMES J., JR., US
[73] ARKEMA INC., US
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[54] **APPARATUS AND METHOD FOR THE RECOVERY OF ENERGY**
[54] **DISPOSITIF ET PROCEDE DE RECUPERATION D'ENERGIE**
[72] KAMMERLOHER, HELMUT, DE
[73] KRONES AG, DE
[85] 2012-06-18
[86] 2010-12-22 (PCT/EP2010/007890)
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[54] **FLAME-PROOFED POLYMER COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES IGNIFUGEES**
[72] BERGMANN, GERD, DE
[72] LA ROSA, MANUEL, DE
[72] ROOS, ANDREAS, DE
[73] ARLANXEO DEUTSCHLAND GMBH, DE
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[25] EN
[54] **SYSTEMS AND METHODS FOR OZONE TREATMENT OF GRAIN IN GRAIN PILES**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT A L'OZONE DE CEREALES DANS DES PILES DE CEREALES**
[72] JOHNSON, KEVIN C., US
[72] JOHNSON, LYNN, US
[72] ALBERT, DELRON E., US
[72] CASE, VANE, US
[73] ARCHER DANIELS MIDLAND COMPANY, US
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[25] EN
[54] **RIGID FOAM ENVELOPMENT OF THE CONNECTIONS OF PIPES**
[54] **GAINE EN MOUSSE DE POLYURETHANE RIGIDE POUR RACCORDS DE TUYAUX**
[72] GRIESER-SCHMITZ, CHRISTOF, DE
[72] HUNTEMANN, PETER, DE
[72] HALWE-BOMMELMANN, ANNIKA, DE
[72] LINDEMANN, WILHELM, DE
[73] BASF SE, DE
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[25] EN
[54] **MEASUREMENT DEVICE AND METHOD FOR ANALYZING A SAMPLE GAS BY INFRARED ABSSORPTION SPECTROSCOPY**
[54] **APPAREIL DE MESURE ET METHODE D'ANALYSE D'UN GAZ ECHANTILLON PAR SPECTROSCOPIE D'ABSORPTION PAR INFRAROUGE**
[72] HEYNE, KARSTEN, DE
[72] RUBIN, TOM, DE
[73] HUMEDICS GMBH, DE
[85] 2012-06-22
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[25] EN
[54] **ENHANCEMENT OF IMAGES FOR DISPLAY ON LIQUID CRYSTAL DISPLAYS**
[54] **AMELIORATION D'IMAGES POUR UN AFFICHAGE SUR DES AFFICHAGES A CRISTAUX LIQUIDES**
[72] SUN, SHIJUN, US
[72] ONDERS, TIMOTHY E., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2012-07-04
[86] 2011-01-16 (PCT/US2011/021440)
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[54] **POLYESTER FILM WITH HIGH UV-STABILITY AND HIGH LIGHT TRANSMITTANCE**
[54] **FILM DE POLYESTER AYANT UNE STABILITE AUX UV ET UNE TRANSMITTANCE OPTIQUE ELEVEE**
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[72] SHEPHERD, SIMON, US
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[72] CHO, JOON YOUNG, KR
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[54] **APPAREIL POUR LA PRODUCTION D'UN MATERIAU NANOCARBONE, ET PROCEDE DE PRODUCTION D'UN MATERIAU NANOCARBONE**
[72] NODA, SUGURU, JP
[72] OSAWA, TOSHIO, JP
[72] KIM, DONG YOUNG, JP
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[72] UEDA, SHUNSUKE, JP
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[72] ABE, MACHIKO, JP
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[72] HOSOKAWA, HIROSHI, JP
[72] KOMATSU, MAKOTO, JP
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[54] **CAPSULE POUR UN PRODUIT A EXTRAIRE, SON PROCEDE DE FABRICATION ET DISPOSITIF POUR LA PREPARATION DE CAFE**
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[73] QBO COFFEE GMBH, CH
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[73] MARK & CHAPPELL (IRELAND) LIMITED, IE
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[54] **APPAREIL ET PROCEDE D'ALIMENTATION EN OEUFS, PAR EXEMPLE, APPAREIL ET PROCEDE PERMETTANT DE REMPLIR DES PLATEAUX A OEUFS**
[72] GROOTHERDER, BEREND DERK, NL
[72] DE VLAAM, HENDRIKUS LOUIS STEPHANUS, NL
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[73] DUBOIS CHEMICALS, INC., US
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[72] BREMMON, JEFF, US
[72] BRANDT, JAMIE, US
[73] MILESTONE AV TECHNOLOGIES LLC, US
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[54] DISPOSITIF DE PIVOTEMENT D'UN OU DE PLUSIEURS RABATS FRONTAUX D'UN VEHICULE SE DEPLACANT SUR UNE VOIE, ET MODULE DE RABATS FRONTAUX
[72] HEINISCH, ANDREAS, DE
[72] KRAUSE, REINER, DE
[73] VOITH PATENT GMBH, DE
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[72] ZELLER, AUSTIN P., US
[72] FUDE, JOE E., US
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[72] SAYER, CHAD RICHARD ORD, AU
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[54] **PLAQUE OSSEUSE ET SYSTEME DE FIXATION AVEC PLAQUE OSSEUSE**
[72] BATSCH, THOMAS, DE
[72] PAULIN, THOMAS, DE
[72] FISCHER, HANS-JOACHIM, DE
[72] ALEMU, BRUKE SEYOUM, DE
[73] AAP IMPLANTATE AG, DE
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[54] **OUTIL DE COUPE DE FIBRE OPTIQUE**
[72] HASEGAWA, MASAHIRO, JP
[72] HOMMA, TOSHIHIKO, JP
[73] SEI OPTIFRONTIER CO., LTD., JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[54] **STRUCTURE INTERNE D'AERONEF EN MATERIAU COMPOSITE**
[72] AREVALO RODRIGUEZ, ELENA, ES
[72] CRUZ DOMINGUEZ, FRANCISCO JOSE, ES
[73] AIRBUS OPERATIONS S.L., ES
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[54] **CRYOCATHETER A DEUX TUBES D'INJECTION ET SON PROCEDE D'UTILISATION**
[72] WITTENBERGER, DAN, CA
[72] LUECKGE, CLAUDIA, CA
[72] LANE, MIRIAM, US
[73] MEDTRONIC CRYOCATH LP, CA
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[54] **SECURITY DOCUMENT WITH HOLOGRAPHIC FOIL AND PRINTED MACHINE-READABLE MARKINGS**
[54] **DOCUMENT DE SECURITE A FEUILLE HOLOGRAPHIQUE ET MARQUES IMPRIMEES LISIBLES PAR MACHINE**
[72] EICHENBERGER, MARTIN, CH
[72] WIERMER, HENDRIK, CH
[73] ORELL FUSSLI SICHERHEITSDRUCK AG, CH
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[54] **LID FOR A PRESSURE COOKING POT AND PRESSURE COOKING POT HAVING A LID**
[54] **COUVERCLE POUR AUTOCUISEUR ET AUTOCUISEUR POURVU D'UN COUVERCLE**
[72] SCHULTZ, HORST, DE
[72] LAPAWA, SIEGFRIED, DE
[73] SILAG HANDEL AG, DE
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[54] **POMPE DISPOSEE AU NIVEAU D'UN TREPAN**
[72] REIMERS, NILS, NO
[73] TOMAX AS, NO
[85] 2013-01-17
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[54] **CLE A ROCHET A EXTREMITE OUVERTE**
[72] MACDONALD, JEFFREY DEAN, CA
[73] MACDONALD, JEFFREY DEAN, CA
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[54] **HANDHELD FIELD MAINTENANCE DEVICE WITH IMPROVED USER INTERFACE**
[54] **DISPOSITIF D'ENTRETIEN SUR PLACE PORTATIF A INTERFACE UTILISATEUR AMELIOREE**
[72] TOEPKE, TODD M., US
[72] KANTZES, CHRISTOPHER P., US
[72] MATHIOWETZ, BRAD N., US
[72] YANG, KUN, US
[72] LUND, ADAM E., US
[73] FISHER-ROSEMOUNT SYSTEMS, INC., US
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[25] EN
[54] **APPARATUS AND METHODS FOR REAL TIME COMMUNICATION BETWEEN DRILL BIT AND DRILLING ASSEMBLY**
[54] **DISPOSITIF ET PROCEDES DE COMMUNICATION EN TEMPS REEL ENTRE LE TREPAN ET L'ENSEMBLE DE FORAGE**
[72] TRINH, TU TIEN, US
[72] SULLIVAN, ERIC, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-01-30
[86] 2011-08-08 (PCT/US2011/046895)
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[25] EN
[54] **APPARATUS AND METHODS FOR REAL TIME COMMUNICATION IN DRILL STRINGS**
[54] **DISPOSITIF ET PROCEDES DE COMMUNICATION EN TEMPS REEL DANS DES TRAINS DE TIGES**
[72] TRINH, TU TIEN, US
[72] SULLIVAN, ERIC, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-01-30
[86] 2011-08-08 (PCT/US2011/046896)
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[25] EN
[54] **SPEED DIALING METHOD, SUBSCRIBER IDENTITY MODULE/USER IDENTITY MODEL AND MOBILE TERMINAL**
[54] **PROCEDE DE COMPOSITION RAPIDE, CARTE DE MODULE D'IDENTITE D'ABONNE ET TERMINAL MOBILE**
[72] WANG, PENGREN, CN
[73] ZTE CORPORATION, CN
[85] 2013-02-01
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[25] EN
[54] **ULTRASONIC TIP FOR DENTAL DEVICE**
[54] **POINTE ULTRASONORE POUR DISPOSITIF DENTAIRE**
[72] MAXWELL, RANDALL, US
[72] GARROTT, CHARLES E., US
[72] MIZE, W., SHANE, US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2013-02-06
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[25] EN
[54] **COSMETIC SURGERY APPARATUS AND METHOD**
[54] **APPAREIL DE CHIRURGIE ESTHETIQUE ET PROCEDE ASSOCIE**
[72] HANCOCK, CHRISTOPHER PAUL, GB
[73] CREO MEDICAL LIMITED, GB
[85] 2013-02-15
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[54] **STERILIZATION APPARATUS**
[54] **APPAREIL DE STERILISATION**
[72] VALLIERES, JEAN-MARTIN, CA
[72] TREMBLAY, BRUNO, CA
[73] TSO3 INC., CA
[86] (2808561)
[87] (2808561)
[22] 2010-09-29
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[54] **HYDROGEN PEROXIDE METERING METHOD**
[54] **METHODE DE DOSAGE DE PEROXYDE D'HYDROGENE**
[72] VALLIERES, JEAN-MARTIN, CA
[72] TREMBLAY, BRUNO, CA
[73] TSO3 INC., CA
[86] (2808897)
[87] (2808897)
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[54] **A TRULY MODULAR BUILDING DATACENTER FACILITY**
[54] **CONSTRUCTION MODULAIRE POUR CENTRE DE DONNEES**
[72] CROSBY, CHRISTOPHER J., JR., US
[73] COMPASS DATACENTERS, LLC, US
[86] (2808914)
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[51] **Int.Cl. G07D 9/00 (2006.01) G07F 7/04 (2006.01)**
[25] EN
[54] **DEVICE FOR INSERTING BANK NOTES INTO A BILL ACCEPTOR**
[54] **DISPOSITIF D'INTRODUCTION DE BILLETS DE BANQUE DANS UN APPAREIL DE TRAITEMENT DE BILLETS DE BANQUE**
[72] GAWEL, MAREK, AT
[72] FRIDRICH, HEINZ, AT
[73] NOVOMATIC AG, AT
[85] 2013-02-21
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[54] **HYDROCRACKING PROCESS SELECTIVE FOR IMPROVED DISTILLATE AND IMPROVED LUBE YIELD AND PROPERTIES**
[54] **PROCEDE D'HYDROCRAQUAGE SELECTIF D'UN DISTILLAT AMELIORE ET RENDEMENT ET PROPRIETES AMELIORES D'UN LUBRIFIANT**
[72] NOVAK, WILLIAM J., US
[72] BRADWAY, ROBERT ALLEN, US
[72] SHIH, STUART S., US
[72] HILBERT, TIMOTHY LEE, US
[72] DAAGE, MICHEL A., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2013-03-05
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[54] **FILTER CLEANING FOR DIRT SUCTION DEVICES COMPRISING AN EXTERNAL FAN**
[54] **NETTOYAGE DE FILTRE POUR ASPIRATEUR D'IMPURETES A VENTILATEUR EXTERNE**
[72] AMISANI, GIANNI, IT
[72] BONDIOLI, CESARE, IT
[72] DE FALCO, MAURO, IT
[73] NILFISK-ADVANCE A/S, DK
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[25] EN
[54] **FLEXIBLE STRENGTH MEMBERS FOR WIRE CABLES**
[54] **MEMBRURES DE FORCE FLEXIBLES POUR CABLES METALLIQUES**
[72] CHEN, BUO, US
[72] CHAUDHARY, BHARAT I., US
[72] KMIEC, CHESTER J., US
[72] COGEN, JEFFREY M., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **IMAGE PREDICTIVE ENCODING DEVICE, IMAGE PREDICTIVE ENCODING METHOD, IMAGE PREDICTIVE ENCODING PROGRAM, IMAGE PREDICTIVE DECODING DEVICE, IMAGE PREDICTIVE DECODING METHOD, AND IMAGE PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF, PROCEDE ET PROGRAMME DE CODAGE PREDICTIF D'IMAGES, ET DISPOSITIF, PROCEDE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGES**
[72] SUZUKI, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[73] NTT DOCOMO, INC., JP
[85] 2013-04-02
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[25] FR
[54] **DEVICE FOR STORING NESTABLE CUTTING TOOLS, AND HOUSEHOLD ELECTRICAL APPLIANCE COMPRISING SUCH A DEVICE**
[54] **DISPOSITIF DE RANGEMENT POUR OUTILS DE DECOUPE EMBOITABLES ET APPAREIL ELECTROMENAGER COMPORTANT UN TEL DISPOSITIF**
[72] ROUYER, PHILIPPE, FR
[72] LAFOND, JEAN-MARIE, FR
[72] SUBERBIE, NICOLAS, FR
[73] SEB S.A., FR
[85] 2013-04-05
[86] 2011-09-29 (PCT/FR2011/052281)
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[51] **Int.Cl. A45C 11/38 (2006.01)**
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[54] **CONVERTIBLE CAMERA KIT BAG**
[54] **SAC POUR NECESSAIRE DE CAMERA CONVERTIBLE**
[72] FOLISE, MICHAEL JOSEPH, US
[73] FOLISE, MICHAEL JOSEPH, US
[86] (2814471)
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[51] **Int.Cl. A61L 27/28 (2006.01) A61L 27/34 (2006.01)**
[25] EN
[54] **DOUBLE CROSS-LINKAGE PROCESS TO ENHANCE POST-IMPLANTATION BIOPROSTHETIC TISSUE DURABILITY**
[54] **PROCESSUS DE DOUBLE RETICULATION DEVANT FAVORISER LA DURABILITE POST-IMPLANTATION DE TISSUS BIO-PROSTHETIQUES**
[72] CARPENTIER, SOPHIE M., US
[72] CARPENTIER, ALAIN F., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2013-05-10
[86] 2011-11-16 (PCT/US2011/060980)
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[54] **ANGIOSOME-BASED PERFUSION MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE PERFUSION FONDE SUR DES ANGIOSOMES**
[72] MCPEAK, THOMAS, US
[73] COVIDIEN LP, US
[86] (2819803)
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[54] **MYSTERY-BINGO JACKPOT WITH INCREASED PAYOUT FREQUENCY**
[54] **CAGNOTTE DE BINGO MYSTERE AVEC FREQUENCE DE PAIEMENT ACCRUE**
[72] OLSEN, ERIC B., US
[73] OLSEN IP RESERVE, LLC, US
[86] (2819993)
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[22] 2013-06-28
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[51] **Int.Cl. H04N 13/04 (2006.01) H04N 7/24 (2011.01)**
[25] EN
[54] **DEVICE AND METHOD FOR RECEIVING DIGITAL BROADCAST SIGNAL**
[54] **DISPOSITIF ET PROCEDE DE RECEPTION D'UN SIGNAL DE DIFFUSION NUMERIQUE**
[72] SUH, JONGYEUL, KR
[72] CHOE, JEEHYUN, KR
[72] KIM, JINPIL, KR
[72] KIM, KWANSUK, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-06-04
[86] 2011-12-08 (PCT/KR2011/009458)
[87] (WO2012/077987)
[30] US (61/421,194) 2010-12-08
[30] US (61/446,504) 2011-02-25
[30] US (61/453,126) 2011-03-15
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[25] EN
[54] **DETERMINATION OF CORES OR BUILDING BLOCKS AND RECONSTRUCTION OF PARENT MOLECULES IN HEAVY PETROLEUMS AND OTHER HYDROCARBON RESOURCES**
[54] **DETERMINATION DE COEURS OU DE MOTIFS STRUCTURAUX, ET RECONSTRUCTION DE MOLECULES PARENTES DANS DES PETROLES LOURDS ET D'AUTRES RESSOURCES D'HYDROCARBURES**
[72] QIAN, KUANGNAN, US
[72] EDWARDS, KATHLEEN E., US
[72] MENNITO, ANTHONY S., US
[72] FREUND, HOWARD, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2013-06-10
[86] 2011-12-08 (PCT/US2011/063860)
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[30] US (61/423,788) 2010-12-16
[30] US (13/167,841) 2011-06-24

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[25] EN
[54] **RESTRICTING PRODUCTION OF GAS OR GAS CONDENSATE INTO A WELLBORE**
[54] **RESTRICTION DE LA PRODUCTION DE GAZ OU DE CONDENSATS DE GAZ DANS UN PUITS**
[72] SCHULTZ, ROGER L., US
[72] CAVENDER, TRAVIS W., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2013-06-11
[86] 2011-12-07 (PCT/US2011/063739)
[87] (WO2012/082489)
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[25] EN
[54] **METHOD AND SYSTEM TO PREVENT COMPLETE OBSTRUCTION IN CATHETER IN CASE OF A KINK**
[54] **PROCEDE ET SYSTEME DE PREVENTION D'UNE OBSTRUCTION COMPLETE DANS UN CATHETER DANS LE CAS D'UNE COURBURE**
[72] LALONDE, JEAN-PIERRE, CA
[73] MEDTRONIC CRYOCATH LP, CA
[85] 2013-06-13
[86] 2011-12-08 (PCT/CA2011/001327)
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[51] **Int.Cl. H04N 19/593 (2014.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ENCODING INTRA PREDICTION MODE FOR IMAGE PREDICTION UNIT, AND METHOD AND DEVICE FOR DECODING INTRA PREDICTION MODE FOR IMAGE PREDICTION UNIT**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE CODER UN MODE D'INTRA-PREDICTION POUR UNE UNITE DE PREDICTION D'IMAGE ET PROCEDE ET DISPOSITIF PERMETTANT DE DECODER UN MODE D'INTRA-PREDICTION POUR UNE UNITE DE PREDICTION D'IMAGE**
[72] SEREGIN, VADIM, KR
[72] CHEN, JIANLE, KR
[72] LEE, SUN-IL, KR
[72] LEE, TAMMY, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-06-21
[86] 2011-12-23 (PCT/KR2011/010066)
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[30] US (61/426,684) 2010-12-23

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[25] EN
[54] **ADJUSTABLE BRACKET ASSEMBLY FOR AN ULTRAVIOLET LAMP**
[54] **ENSEMBLE DE SUPPORTS REGLABLES POUR LAMPE A ULTRAVIOLETS**
[72] AYCOCK, JAMES L., US
[72] HOLLERAN, PATRICK T., US
[73] FIELD CONTROLS, LLC, US
[86] (2823458)
[87] (2823458)
[22] 2013-08-09
[30] US (61/756,746) 2013-01-25

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[54] **A METHOD AND SYSTEM OF CONTROLLING A REMOTE CONTROLLED DEVICE IN A REMOTE CONTROLLED SURGICAL PROCEDURE**
[54] **PROCEDE ET SYSTEME DE COMMANDE D'UN DISPOSITIF COMMANDE A DISTANCE AU COURS D'UNE OPERATION CHIRURGICALE COMMANDEE A DISTANCE**
[72] THOMAS, MONROE M., CA
[72] STEPHURE, MATTHEW J., CA
[72] ROBINSON, KEVIN G., CA
[73] CALGARY SCIENTIFIC, INC., CA
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[54] **LIAISON DIRECTE RENFORCEE AU LASER ENTRE DES COMPOSANTS OPTIQUES**
[72] HELIE, DAVID, CA
[72] VALLEE, REAL, CA
[72] LACROIX, FABRICE, FR
[73] UNIVERSITE LAVAL, CA
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[72] CHATTERJEE, SUROJIT, US
[72] KOTHARI, ANSHU, US
[72] CHEN, CHEN, US
[73] GOOGLE INC., US
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[54] **LARGE SCALE STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE A GRANDE ECHELLE**
[72] GORDON, RAZ, IL
[73] STORONE LTD., IL
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[54] **IDENTIFICATION D'UN APPELANT AU MOYEN D'INFORMATIONS DE RESEAU SOCIAL**
[72] PAPAKIPOS, MATTHEW NICHOLAS, US
[72] WALKIN, BRANDON MARSHALL, US
[73] FACEBOOK, INC., US
[85] 2013-07-19
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[54] **METHOD FOR AUTOMATICALLY GENERATING PRESENTATION SLIDES CONTAINING PICTURE ELEMENTS**
[54] **METHODE DE PRODUCTION AUTOMATIQUE DE DIAPOS DE PRESENTATION CONTENANT DES ELEMENTS PICTURAUX**
[72] BERGLUND, CARL FREDRIK ALEXANDER, SE
[72] ERIKSSON, MARCUS, SE
[72] GARDENFORS, DAN ZACHARIAS, SE
[73] BLACKBERRY LIMITED, CA
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[54] **CONDENSATE REMOVAL DEVICE**
[54] **DISPOSITIF D'ELIMINATION DE CONDENSAT**
[72] MAWBY, SAM, GB
[73] THERMAL ENERGY INTERNATIONAL (UK) LTD, GB
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[54] **CUTTER ASSEMBLY FOR TUNNEL BORING MACHINE WITH PRESSURE COMPENSATION**
[54] **ENSEMBLE DE COUPE DESTINE A UN TUNNELIER DOTE D'UNE COMPENSATION DE PRESSION**
[72] SHANAHAN, AARON J., US
[72] SMADING, STEPHEN M., US
[72] LANG, TIMOTHY A., US
[72] BOX, ZACHARY J., US
[72] KHALIGHI, BRIAN B., US
[72] GROTHEN, BRAD D., US
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[54] **MANAGING BUFFER OVERFLOW CONDITIONS**
[54] **GESTION DE CONDITIONS DE DEBORDEMENT DE MEMOIRE TAMPON**
[72] STANFILL, CRAIG W., US
[72] FEYNMAN, CARL RICHARD, US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2013-08-13
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[54] **SYSTEM AND METHOD FOR MANAGEMENT OF PHARMACY WORKFLOW**
[54] **SYSTEME ET METHODE DE GESTION DES TRAVAUX PHARMACEUTIQUES**
[72] CHUDY, DUANE S., US
[72] SCHULTZ, DAVID A., US
[73] ARXIUM, INC., US
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[54] **SILICONE HYDROGEL CONTACT LENSES AND RELATED COMPOSITIONS AND METHODS**
[54] **LENTILLES DE CONTACT EN HYDROGEL DE SILICONE ET COMPOSITIONS ET PROCEDES ASSOCIES**
[72] LIU, YUWEN, US
[72] CHEN, CHARLIE, US
[72] HONG, YE, US
[72] FRANCIS, CHARLES A., US
[72] YAO, LI, US
[72] BACK, ARTHUR, US
[73] COOPERVISION INTERNATIONAL HOLDING COMPANY, LP, BB
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[54] **CODAGE DE COEFFICIENTS DE TRANSFORMEE POUR UN CODAGE VIDEO**
[72] SOLE ROJALS, JOEL, US
[72] JOSHI, RAJAN LAXMAN, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
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[54] **PROCEDE POUR DETERMINER UNE CONCENTRATION EN NITRATE**
[72] RUDDE, HEINZ, DE
[73] HACH LANGE GMBH, DE
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[54] **TABLE COUPLING SYSTEM WITH POWER AND DATA**
[54] **SYSTEME DE COUPLAGE DE TABLE AVEC ALIMENTATION ET DONNEES**
[72] BYRNE, NORMAN R., US
[72] BYRNE, DANIEL P., US
[72] WARWICK, TIMOTHY J., US
[72] REAME, BRENT A., US
[72] ZIMMERMAN, CHAD, US
[72] SCHACHT, WILLIAM F., US
[72] PATE, RANDELL E., US
[72] KNAPP, ROBERT L., US
[73] BYRNE, NORMAN R., US
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[54] **TRAITEMENT ET EXECUTION DE DEMANDES DE VOYAGE EN LANGAGE NATUREL**
[72] MILLER, JONATHAN DAVID, CA
[72] MILLER, HAROLD ROY, CA
[72] SEIDER, STEVEN MARK, CA
[73] AMGINE TECHNOLOGIES LIMITED, CA
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[54] **MIGRASTATINES ET LEURS UTILISATIONS**
[72] DANISHEFSKY, SAMUEL J., US
[72] MASSAGUE, JOAN, US
[72] CORTES, MANUEL VALIENTE, US
[72] OSKARSSON, THORDUR, IS
[72] MOORE, MALCOLM, US
[72] LECOMTE, NICOLAS, US
[72] OUERFELLI, OUATHEK, US
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[54] **FLUORINATED ARYLALKYLAMINOCARBOXAMIDE DERIVATIVES**
[54] **DERIVES D'ARYLALKYLAMINOCARBOXAMIDES FLUORES**
[72] PEVARELLO, PAOLO, IT
[73] NEWRON PHARMACEUTICALS S.P.A., IT
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[54] **MANAGING MESSAGE QUEUES**
[54] **GESTION DE QUEUES DE MESSAGE**
[72] MICHAYLOV, SPIRO, US
[72] BANERJI, SANJEEV, US
[72] STANFILL, CRAIG W., US
[73] AB INITIO TECHNOLOGY LLC, US
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[54] **CONFIGURATION DE DISPOSITIF PERMETTANT DE METTRE EN □UVRE UNE COMMANDE A DISTANCE DE PROPRIETES**
[72] YLIMARTIMO, VEIKKO, FI
[73] TOSIBOX OY, FI
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[54] **HEMMING HEAD DEVICE AND METHOD**
[54] **ENSEMBLE TETE D'OURLAGE ET PROCEDE CORRESPONDANT**
[72] CYREK, JOSEPH P., US
[72] CHAPMAN, ROBERT F., US
[72] MAYBEE, WILLIAM T., US
[72] ST. DENIS, KENNETH D., US
[73] COMAU S.P.A., IT
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[72] BARRON, MARK B., US
[73] PUBLIC TRANSPORTATION SAFETY INTERNATIONAL CORP., US
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[72] BONYUET, CELESTE C., US
[72] WALLS, ANDREW L., US
[72] MIGLIAZZA, JOHN F., US
[72] PELLED, ITAI, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **COMMANDE ALTERNATIVE DE LA PRESSION POUR MACHINE A MOULER PAR INJECTION A BASSE PRESSION CONSTANTE**
[72] ALTONEN, GENE MICHAEL, US
[72] BERG, CHARLES JOHN, JR., US
[72] NEUFARTH, RALPH EDWIN, US
[72] SCHILLER, GARY FRANCIS, US
[73] IMFLUX, INC., US
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[72] SCHONHOFER, WOLFGANG, AT
[72] PEDERSEN, PERNILLE DYBENDAL, DK
[72] BERTELSEN, POUL, DK
[72] BRÆNDER, HENRIK, DK
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[72] LARSEN, HENRIK NEUSCHAFER, DK
[73] TAKEDA AS, NO
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[72] HOTARY, MARK GEORGE, US
[72] HERRINGTON, FREDERICK CHARLES, US
[73] BRUNSWICK CORPORATION, US
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[54] **SYSTEME ET PROCEDE POUR GENERATION, CODAGE ET RENDU DE SIGNAL AUDIO ADAPTATIF**
[72] ROBINSON, CHARLES Q., US
[72] TSINGOS, NICOLAS R., US
[72] CHABANNE, CHRISTOPHE, FR
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
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[54] **COUVERCLE METALLIQUE DE TYPE COURONNE A OUVERTURE CONFORTABLE**
[72] CAMACHO PAREDES, JUAN ANTONIO, MX
[72] SEGURA RUIZ, ROMUALDO, MX
[72] GARCIA CORTEZ, CARLOS ADRIAN, MX
[73] FABRICAS MONTERREY, S.A. DE C.V., MX
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[54] **APPAREIL DE NETTOYAGE DE TETE DE FORAGE**
[72] WILKINSON, MITCHELL, US
[73] PDI INCORPORATED, US
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[54] **SHEET PRODUCTS STACKING AND FEEDING APPARATUS**
[54] **APPAREIL D'ALIMENTATION ET D'EMPILEMENT DE PRODUITS EN FEUILLES**
[72] TOTANI, MIKIO, US
[73] TOTANI CORPORATION, JP
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[54] **GLARE SHIELD EQUIPPED WITH AN EMERGENCY VISION APPARATUS**
[54] **ECRAN ANTIEBLOUISSANT EQUIPE D'UN APPAREIL DE VISION D'URGENCE**
[72] WERJEFELT, BERTIL R. L., US
[72] WERJEFELT, ALEXANDER K., US
[72] WERJEFELT, CHRISTIAN, US
[73] WERJEFELT, BERTIL R. L., US
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[54] **FOURNITURE DE SERVICES DYNAMIQUES AVEC DECOUVERTE DE TOPOLOGIE POUR RESEAUX DE COMMUNICATION**
[72] RILEY, YUSUM KIM, US
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[54] **DEVICE FOR ASSISTING IN THE PREPARATION OF AN OPERATION ON THE HUMAN EYE**
[54] **DISPOSITIF POUR AIDER A LA PREPARATION D'UNE OPERATION SUR L'OEIL HUMAIN**
[72] JEGLORZ, TOBIAS, DE
[72] DONITZKY, CHRISTOF, DE
[73] WAVELIGHT GMBH, DE
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[54] **SYSTEME D'ECLAIRAGE LINEAIRE**
[72] GOULD, CARL, US
[73] ABL IP HOLDING LLC, US
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[54] **THRUST REVERSER DEVICE FOR COMPACT JET PIPE**
[54] **DISPOSITIF D'INVERSION DE POUSSEE POUR TUYERE COMPACTE**
[72] GALLET, FRANCOIS, FR
[73] SNECMA, FR
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[54] **ENSEMBLE D'INTRODUCTION ET PROCEDE D'INTRODUCTION D'INSTRUMENTS INTRACARDIAQUES**
[72] DE CANNIERE, DIDIER, US
[73] CORQUEST MEDICAL, INC., US
[85] 2014-02-04
[86] 2012-08-09 (PCT/US2012/050066)
[87] (WO2013/023016)
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[25] EN
[54] **METHOD OF FABRICATING TYPE 4 CYLINDERS AND ARRANGING IN TRANSPORTATION HOUSINGS FOR TRANSPORT OF GASEOUS FLUIDS**
[54] **PROCEDE DE FABRICATION DE CYLINDRES DE TYPE 4 ET D'AGENCEMENT DANS DES BOITIERS DE TRANSPORT POUR LE TRANSPORT DE FLUIDES GAZEUX**
[72] CAMPBELL, STEVE, CA
[73] TRANZGAZ INC., CA
[85] 2014-02-19
[86] 2012-08-22 (PCT/CA2012/000778)
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[54] **SYSTEM AND METHOD FOR REPORTING VOTING DEVICE INFORMATION**
[54] **SYSTEME ET PROCEDE DE PRESENTATION D'INFORMATION DE DISPOSITIF POUR VOTER**
[72] BOLTON, STEVE, US
[72] CARBULLIDO, KENNETH, US
[72] MANI, ARUN, US
[73] ELECTION SYSTEMS & SOFTWARE, LLC, US
[86] (2846699)
[87] (2846699)
[22] 2014-03-14
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[25] EN
[54] **WIRE COMPRESSION CONNECTOR**
[54] **CONNECTEUR DE FILS A COMPRIMER**
[72] DINH, CONG THANH, US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2846730)
[87] (2846730)
[22] 2014-03-17
[30] US (61/790,742) 2013-03-15
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[54] **USE OF G-CLAMP FOR IMPROVED ALLELE-SPECIFIC PCR**
[54] **UTILISATION DE G-CLAMP POUR UNE PCR AMELIOREE SPECIFIQUE D'UN ALLELE**
[72] BODEPUDI, VEERAIAH, US
[72] SCHOENBRUNNER, NANCY, US
[72] TSAN, ALISON, US
[73] F.HOFFMANN-LA ROCHE AG, CH
[85] 2014-03-06
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[25] EN
[54] **VALVE WITH SHUTTLE**
[54] **CLAPET-NAVETTE**
[72] OSBORNE, LAWRENCE, US
[73] PRODUCTION TOOL SOLUTION, INC., US
[86] (2848469)
[87] (2848469)
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[25] EN
[54] **CUTTING ELEMENTS FOR EARTH-BORING TOOLS, EARTH-BORING TOOLS INCLUDING SUCH CUTTING ELEMENTS AND RELATED METHODS**
[54] **ELEMENTS DE COUPE POUR DES OUTILS DE FORAGE DU SOL, OUTILS DE FORAGE DU SOL COMPRENANT DE TELS ELEMENTS DE COUPE ET PROCEDES ASSOCIES**
[72] DIGIOVANNI, ANTHONY A., US
[72] PESSIER, RUDOLF CARL, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-03-13
[86] 2012-09-13 (PCT/US2012/055001)
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[25] EN
[54] **MINING MACHINE MANAGEMENT SYSTEM AND MINING MACHINE MANAGEMENT METHOD**
[54] **SYSTEME DE GESTION POUR MACHINE DE MINE ET PROCEDE DE GESTION POUR MACHINE DE MINE**
[72] SUGIHARA, MOTOHIDE, JP
[72] HORI, KOUTAROU, JP
[73] KOMATSU LTD., JP
[85] 2014-04-15
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[54] **FAN SYSTEMS**
[54] **SYSTEMES DE VENTILATION**
[72] SAHU, KAPIL DAS, IN
[72] USELTON, ROBERT B. "DUTCH", US
[73] LENNOX INDUSTRIES INC., US
[86] (2849631)
[87] (2849631)
[22] 2014-04-22
[30] US (13/867,461) 2013-04-22

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[25] EN
[54] **FLOOR COVERING**
[54] **REVETEMENT DE SOL**
[72] KROGER, MARIO, DE
[72] ALBRECHT, ANDREAS, DE
[72] RIESCHER, DIETER, DE
[72] MULLER, STEFAN, DE
[73] NORA SYSTEMS GMBH, DE
[85] 2014-03-27
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[54] **MODULAR DUAL-COMPARTMENT TEMPERATURE TRANSMITTER**
[54] **TRANSMETTEUR DE TEMPERATURE MODULAIRE A DEUX COMPARTIMENTS**
[72] BRONCZYK, ANDREW J., US
[72] PERRAULT, AARON A., US
[73] ROSEMOUNT INC., US
[85] 2014-03-31
[86] 2012-06-22 (PCT/US2012/043705)
[87] (WO2013/052185)
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[54] **PROCESS INSTALLATION NETWORK INTRUSION DETECTION AND PREVENTION**
[54] **DETECTION ET PREVENTION D'INTRUSION DANS UN RESEAU D'INSTALLATION DE PROCESSUS**
[72] ROTVOLD, ERIC D., US
[72] POTTER, JEFF D., US
[73] ROSEMOUNT INC., US
[85] 2014-04-08
[86] 2012-06-01 (PCT/US2012/040413)
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[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) G06F 19/22 (2011.01)**
[25] EN
[54] **MUTATION WITHIN THE CONNEXIN 26 GENE RESPONSIBLE FOR PRELINGUAL NON-SYNDROMIC DEAFNESS AND METHOD OF DETECTION**
[54] **MUTATION DANS LE GENE DE LA CONNEXINE 26 RESPONSABLE DE LA SURDITE PRELINGUISTIQUE NON SYNDROMIQUE, ET PROCEDE DE DETECTION**
[72] PETIT, CHRISTINE, FR
[72] DENOYELLE-GRYSON, FRANCOISE, FR
[72] WEIL, DOMINIQUE, FR
[72] MARLIN-DUVERNOIS, SANDRINE, FR
[72] GUESDON, JEAN-LUC, FR
[73] INSTITUT PASTEUR, FR
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[25] EN
[54] **CRYOGENIC BALLOON DEVICE WITH RADIOFREQUENCY TIP**
[54] **DISPOSITIF A BALLONNET CRYOGENIQUE POURVU D'UNE EXTREMITE A RADIOFREQUENCE**
[72] LALONDE, JEAN-PIERRE, CA
[73] MEDTRONIC CRYOCATH LP, CA
[85] 2014-04-22
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[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING RESIN CARTRIDGES**
[54] **SYSTEME ET METHODE DE REALISATION DE CARTOUCHES A RESIN**
[72] OLDSEN, JOHN G., US
[72] SIMMONS, WALTER J., US
[72] SIMMONS, W. NEAL, US
[72] MCGINNIS, ROBERT A., JR., US
[73] J-LOK CO., US
[86] (2853982)
[87] (2853982)
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[25] EN
[54] **PROGRESSIVE CODING OF POSITION OF LAST SIGNIFICANT COEFFICIENT**
[54] **CODAGE PROGRESSIF DE LA POSITION DU DERNIER COEFFICIENT SIGNIFICATIF**
[72] CHIEN, WEI-JUNG, US
[72] SOLE ROJALS, JOEL, US
[72] KARCZEWICZ, MARTA, US
[72] JOSHI, RAJAN LAXMAN, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-05-02
[86] 2012-11-06 (PCT/US2012/063707)
[87] (WO2013/070604)
[30] US (61/557,317) 2011-11-08
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[25] EN
[54] **APPARATUS FOR FORMING BARBS ON A SUTURE**
[54] **APPAREIL POUR FORMER DES BARBES SUR UNE SUTURE**
[72] TRULL, MICHAEL, US
[72] GENOVA, PERRY A., US
[72] WILLIAMS III, ROBERT C., US
[72] LEUNG, JEFFREY C., US
[72] MEGARO, MATTHEW A., US
[72] BATCHELOR, STANTON, US
[72] CORSON, ANDREW, US
[73] ETHICON, LLC, US
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[87] (2854710)
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[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING/DECODING IMAGE**
[54] **PROCEDE ET APPAREIL DE CODAGE/DECODAGE D'UNE IMAGE**
[72] LEE, BAE KEUN, KR
[72] KWON, JAE CHEOL, KR
[72] KIM, JOO YOUNG, KR
[73] KT CORPORATION, KR
[85] 2014-04-16
[86] 2012-10-17 (PCT/KR2012/008482)
[87] (WO2013/058542)
[30] KR (10-2011-0106107) 2011-10-17

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[54] **HEMOSTATIC DEVICE**
[54] **DISPOSITIF HEMOSTATIQUE**
[72] FETTE, CLAY, US
[72] JANIS, ABRAM, US
[72] KIBALO, BENJAMIN, US
[73] ACELL, INC., US
[85] 2014-05-21
[86] 2012-12-06 (PCT/US2012/068193)
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[54] **LENTICULAR AIRSHIP**
[54] **AERONEF LENTICULAIRE**
[72] BALASKOVIC, PIERRE, FR
[73] LTA CORPORATION, US
[86] (2856901)
[87] (2856901)
[22] 2007-10-15
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[30] US (60/852,971) 2006-10-20
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[54] **BIO-ABSORBABLE COMPOSITE MATERIALS CONTAINING MAGNESIUM AND MAGNESIUM ALLOYS AS WELL AS IMPLANTS MADE OF SAID COMPOSITES**
[54] **MATERIAUX COMPOSITES BIOABSORBABLES CONTENANT DU MAGNESIUM ET DES ALLIAGES DE MAGNESIUM AINSI QUE DES IMPLANTS FABRIQUES A PARTIR DESDITS COMPOSITES**
[72] KUHN, KLAUS-DIETER, DE
[72] WEINBERG, ANNELIE, AT
[72] UGGOWITZER, PETER, CH
[72] VOGT, SEBASTIAN, DE
[72] LOFFLER, JORG, CH
[73] HERAEUS MEDICAL GMBH, DE
[73] MEDIZINISCHE UNIVERSITAT GRAZ, AT
[86] (2856990)
[87] (2856990)
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[54] **GAS TURBINE FACILITY**
[54] **INSTALLATION DE TURBINE A GAZ**
[72] IWAI, YASUNORI, JP
[72] ITOH, MASAO, JP
[72] SUZUKI, SHINJU, JP
[72] MORISAWA, YUICHI, JP
[72] FETVEDT, JEREMY ERON, US
[72] ALLAM, RODNEY JOHN, US
[73] 8 RIVERS CAPITAL, LLC, US
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[87] (2856993)
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[54] **PROTECTION SYSTEM FOR TENSION MEMBERS OF A STRUCTURE FOR COLLECTING ICE ACCUMULATIONS DETACHING FROM A TENSION MEMBER**
[54] **SYSTEME DE PROTECTION POUR ELEMENTS DE TRACTION D'UNE STRUCTURE DESTINE A RECUEILLIR LES ACCUMULATIONS DE GLACE SE DETACHANT D'UN ELEMENT DE TRACTION**
[72] BRAND, WERNER, DE
[73] DYWIDAG-SYSTEMS INTERNATIONAL GMBH, DE
[86] (2857477)
[87] (2857477)
[22] 2014-07-22
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[54] **TOP DRIVE STAND COMPENSATOR WITH FILL UP TOOL**
[54] **COMPENSATEUR DE RAME A ENTRAINEMENT PAR LE HAUT AVEC OUTIL DE REMPLISSAGE**
[72] WOOD, KEVIN, US
[72] HOLLINGSWORTH, JIM, US
[72] HILL, TROY F., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2857796)
[87] (2857796)
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[54] **DC ELECTRODE NEGATIVE ROTATING ARC WELDING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE SOUDAGE A L'ARC ROTATIF AVEC UNE POLARITE NEGATIVE D'ELECTRODE A COURANT CONTINU**
[72] PAGANO, KEVIN, US
[72] UECKER, JAMES LEE, US
[72] BARHORST, STEVEN, US
[72] MARSCHKE, BRYAN DUSTIN, US
[72] AMATA, MARIO, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-06-03
[86] 2012-12-13 (PCT/US2012/069378)
[87] (WO2013/090504)
[30] US (61/576,850) 2011-12-16
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[54] **SEALING FEATURE FOR USE WITH CONNECTORS**
[54] **ELEMENT D'ETANCHEITE DESTINE A ETRE UTILISE AVEC DES CONNECTEURS**
[72] CAMERON, RANDALL V., CA
[72] WOOD, TERRY E., CA
[73] INOVA LTD., KY
[85] 2014-06-03
[86] 2013-01-25 (PCT/US2013/023208)
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[54] **BUNDLE GRAPPLE**
[54] **GRAPPIN GROUPE**
[72] REICH, DAVE, CA
[72] DENNIS, DURWILL, CA
[72] HANES, MATT, CA
[72] MCTURK, MATT, CA
[73] ALTEX INDUSTRIES INC., CA
[86] (2858230)
[87] (2858230)
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[25] EN
[54] **STACKED TRAY BALL DROPPER FOR SUBTERRANEAN FRACKING OPERATIONS**
[54] **OUTIL DE LARGAGE DE BOULETS A PLATEAUX EMPILES POUR OPERATIONS DE FRACTIONNEMENT SOUTERRAINES**
[72] HUNT, JAY J., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2858305)
[87] (2858305)
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[25] EN
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[54] **UNITE DE SEPARATION DE CO2**
[72] YOSHIKAWA, KOHEI, JP
[72] SATO, HIROKI, JP
[72] KANEEDA, MASATO, JP
[72] KANNO, SHUICHI, JP
[72] ORITA, HISAYUKI, JP
[73] HITACHI, LTD., JP
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[30] JP (2012-009579) 2012-01-20

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[25] EN
[54] **PRODUCTION OF REDUCED CATALYST PDC VIA GRADIENT DRIVEN REACTIVITY**
[54] **PRODUCTION D'UN PDC A CATALYSEUR REDUIT AYANT UNE REACTIVITE INDUITE PAR GRADIENT**
[72] DIGIOVANNI, ANTHONY A., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2858712)
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[22] 2010-09-21
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[25] EN
[54] **DOPED MEMBRANES**
[54] **MEMBRANES DOPEES**
[72] FLIEG, RALF, DE
[72] STORR, MARKUS, DE
[72] KRAUSE, BERND, DE
[72] HORNUNG, MARKUS, DE
[72] KLOTZ, KARL HEINZ, DE
[73] GAMBRO LUNDIA AB, SE
[85] 2014-06-09
[86] 2012-12-10 (PCT/EP2012/074899)
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[25] EN
[54] **METHOD OF FRACTURING USING ULTRA LIGHTWEIGHT PROPPANT SUSPENSIONS AND GASEOUS STREAMS**
[54] **PROCEDE DE FRACTURATION PAR UTILISATION DE SUSPENSIONS D'AGENT DE SOUTENEMENT ULTRALEGER ET DE FLUX GAZEUX**
[72] WHEELER, RICHARD S., US
[72] NEWHALL, CHANDLER, US
[72] MYERS, ROGER R., US
[72] WARD, BRIAN, US
[72] BEALL, BRIAN B., US
[72] BRANNON, HAROLD, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-06-19
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[54] **STRUCTURES FIBREUSES COMPRENANT DES PARTICULES ET LEURS PROCEDES DE FABRICATION**
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[72] SIVIK, MARK ROBERT, US
[72] HAMAD-EBRAHIMPOUR, ALYSSANDREA HOPE, US
[72] GORDON, GREGORY CHARLES, US
[72] CROLL, BRIAN PATRICK, US
[72] TROKHAN, PAUL DENNIS, US
[72] WEISMAN, PAUL THOMAS, US
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[54] **HEADLAMP ASSEMBLY FOR REMOVING WATER BASED CONTAMINATION**
[54] **ENSEMBLE PHARE POUR ELIMINER LA CONTAMINATION A BASE D'EAU**
[72] MARLEY, MICHAEL, US
[73] TRUCK-LITE CO., LLC, US
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[54] **NEURAL MONITORING METHODS AND SYSTEMS FOR TREATING PHARYNGEAL DISORDERS**
[54] **PROCEDES ET SYSTEMES DE SURVEILLANCE NERVEUSE POUR LE TRAITEMENT DE TROUBLES PHARYNGES**
[72] WILSON, WILLARD, US
[73] WILSON, WILLARD, US
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
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[54] **ARYLOXYACETAMIDE COMPOUND AND PESTICIDE**
[54] **COMPOSE ARYLOXYACETAMIDE ET PESTICIDE ASSOCIE**
[72] FURUKAWA, HIRONORI, JP
[72] HANAI, DAISUKE, JP
[72] TAMAI, TETSUO, JP
[72] SHIINOKI, YASUYUKI, JP
[73] NIPPON SODA CO., LTD., JP
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[54] **PORTEFEUILLE ELECTRONIQUE A PLATEFORMES MULTIPLES CONVERGENTES**
[72] PASA, MEHMET, US
[72] FRIEDMAN, MICHAEL J., US
[72] NGNOUMEN, NGASSAM, US
[72] MARTIG, CELINE, US
[72] ROSENFIELD, SHOSHANA C., US
[72] SUBRAMANIAN, RUPA, US
[72] MANGARU, ZAVIDA, US
[72] CACIOPPA, JOHN F., US
[72] MOSER, SCOTT, US
[72] DHALA, AMYN, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **SYSTEME DE RETRACTION DE MANCHON**
[72] NORRIS, PATRICK M., US
[72] SONDREAAL, MATTHEW G., US
[73] W.L. GORE & ASSOCIATES, INC., US
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[54] **GOLF SWING TRAINING CLUB**
[54] **CLUB D'ENTRAINEMENT AU SWING AU GOLF**
[72] PAULSON, MICHAEL F., CA
[73] MOVEMENT GOLF INCORPORATED, CA
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[54] **DETECTION DE SABOTAGE AU MOYEN D'UN CAPTEUR DE MOUVEMENT INFRAROUGE**
[72] SHPATER, PINHAS, IL
[73] NINVE JR INC., BS
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[54] **METHODS AND SYSTEMS FOR DOWNHOLE THERMAL ENERGY FOR VERTICAL WELLBORES**
[54] **PROCEDES ET SYSTEMES POUR ENERGIE THERMIQUE DE FOND DE TROU POUR PUITS DE FORAGE VERTICAUX**
[72] HYTKEN, KENT, US
[73] FUTURE ENERGY, LLC, US
[85] 2014-09-18
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[54] **METHOD FOR PRODUCING HIGH-PURITY NICKEL SULFATE**
[54] **PROCEDE DE FABRICATION D'UN SULFATE DE NICKEL DE HAUTE PURETE**
[72] IDEGAMI, ATSUSHI, JP
[72] OZAKI, YOSHITOMO, JP
[72] HEGURI, SHIN-ICHI, JP
[72] KUDOU, KEIJI, JP
[72] OHARA, HIDEKI, JP
[72] MATSUMOTO, SHINYA, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
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[54] **PROCESS AND APPARATUS FOR DETERMINING OPTICAL ABERRATIONS OF AN EYE**
[54] **PROCEDE ET APPAREIL DE DETERMINATION D'ABERRATIONS OPTIQUES DANS UN □IL**
[72] WUELLNER, CHRISTIAN, DE
[72] DONITZKY, CHRISTOF, DE
[72] KAEMMERER, MAIK, DE
[73] WAVELIGHT GMBH, DE
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[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION DANS DES PARCS EOLIENS**
[72] STILLE, LARS, DE
[73] SENVION SE, DE
[85] 2014-09-26
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[25] EN
[54] **HIGH-STRENGTH THICK-WALLED ELECTRIC RESISTANCE WELDED STEEL PIPE HAVING EXCELLENT LOW-TEMPERATURE TOUGHNESS AND METHOD FOR MANUFACTURING THE SAME**
[54] **TUYAU EN ACIER SOUDE PAR RESISTANCE ELECTRIQUE A PAROI EPAISSE ET HAUTE RESISTANCE AYANT UNE EXCELLENTE RESISTANCE A BASSE TEMPERATURE ET METHODE DE FABRICATION ASSOCIEE**
[72] TOYODA, SHUNSUKE, JP
[72] GOTO, SOTA, JP
[72] OKABE, TAKATOSHI, JP
[72] INOUE, TOMOHIRO, JP
[72] EGI, MOTOHARU, JP
[72] YONEMOTO, ATSUSHI, JP
[73] JFE STEEL CORPORATION, JP
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[54] **GENERATING SUBPIXEL VALUES FOR DIFFERENT COLOR SAMPLING FORMATS**
[54] **GENERATION DE VALEURS DE SOUS-PIXEL POUR DIFFERENTS FORMATS D'ECHANTILLONNAGE DE COULEUR**
[72] GAMEI, JAMES ALEXANDER, GB
[72] SAUNDERS, NICHOLAS IAN, GB
[72] SHARMAN, KARL JAMES, GB
[72] SILCOCK, PAUL JAMES, GB
[73] SONY CORPORATION, JP
[85] 2014-10-24
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[25] EN
[54] **INJECTION MOLD HAVING A SIMPLIFIED EVAPORATIVE COOLING SYSTEM OR A SIMPLIFIED COOLING SYSTEM WITH EXOTIC COOLING FLUIDS**
[54] **MOULE A INJECTION AVEC SYSTEME DE REFROIDISSEMENT PAR EVAPORATION SIMPLIFIE OU SYSTEME DE REFROIDISSEMENT SIMPLIFIE AVEC DES FLUIDES DE REFROIDISSEMENT EXOTIQUES**
[72] NEUFARTH, RALPH EDWIN, US
[72] ROBINSON, NIALL D., US
[72] SCHARRENBERG, RAINER, DE
[72] PROSISE, ROBERT LAWRENCE, US
[72] BERG, CHARLES JOHN, JR., US
[73] IMFLUX, INC., US
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[54] **RADIO NETWORK NODE, USER EQUIPMENT AND METHODS THEREIN**
[54] **NOEUD DE RESEAU RADIO, EQUIPEMENT UTILISATEUR ET METHODES ASSOCIEES**
[72] ERIKSSON, ERIK, SE
[72] ASTELY, DAVID, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2014-10-31
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[25] EN
[54] **STEEL FOR OIL COUNTRY TUBULAR GOODS AND METHOD OF PRODUCING THE SAME**
[54] **ACIER POUR TUYAUX DE PUITS DE PETROLE ET SON PROCEDE DE PRODUCTION**
[72] OMURA, TOMOHIKO, JP
[72] ARAI, YUJI, JP
[72] KAWANO, KAORI, JP
[72] SAKAMOTO, AKIHIRO, JP
[72] OKAMURA, KAZUO, JP
[72] YAMAMOTO, KENJI, JP
[72] KONDO, KEIICHI, JP
[72] NAGAHASHI, KOJI, JP
[72] SEO, MASANAO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **APPARATUS AND METHOD FOR MEASURING A PLURALITY OF LOUDSPEAKERS AND MICROPHONE ARRAY**
[54] **APPAREIL ET PROCEDE SERVANT A MESURER UNE PLURALITE DE HAUT-PARLEURS, ET ENSEMBLE DE MICROPHONES**
[72] SILZLE, ANDREAS, DE
[72] THIERGART, OLIVER, DE
[72] DEL GALDO, GIOVANNI, DE
[72] LANG, MATTHIAS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **WOVEN GEOTEXTILE FABRICS**
[54] **TISSUS GEOTEXTILES TISSES**
[72] BOOTH, ERIC LEE, US
[73] WILLACOOCHEE INDUSTRIAL FABRICS, INC., US
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[87] (2873824)
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[25] EN
[54] **METHOD OF FAULT CLEARANCE**
[54] **PROCEDE D'ELIMINATION DE PANNE**
[72] BARKER, CARL DAVID, GB
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2014-11-18
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[54] **A DELIVERY ASSEMBLY FOR MACHINES FOR PREPARING BEVERAGES VIA CAPSULES**
[54] **ENSEMBLE DE DISTRIBUTION POUR DES MACHINES DESTINEES A PREPARER DES BOISSONS PAR L'INTERMEDIAIRE DE CAPSULES**
[72] BUGNANO, LUCA, IT
[72] CABILLI, ALBERTO, IT
[73] LUIGI LAVAZZA S.P.A., IT
[85] 2014-11-24
[86] 2013-05-08 (PCT/IB2013/053688)
[87] (WO2013/182923)
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[51] **Int.Cl. H04N 21/435 (2011.01) H04N 21/45 (2011.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR IDENTIFYING MEDIA**
[54] **PROCEDES ET APPAREIL POUR IDENTIFIER DES ELEMENTS MULTIMEDIAS**
[72] SRINIVASAN, VENUGOPAL, US
[72] TOPCHY, ALEXANDER, US
[73] THE NIELSEN COMPANY (US), LLC, US
[85] 2014-11-28
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[54] **A PROCESSING SYSTEM AND METHOD FOR A WORK PIECE SURFACE**
[54] **UN SYSTEME DE TRAITEMENT ET UNE METHODE DESTINEE A UNE SURFACE DE PIECE DE TRAVAIL**
[72] CHEN, QIYUE, CN
[73] WUHU HUIYING AUTOMATIC EQUIPMENT CO., LTD., CN
[86] (2875377)
[87] (2875377)
[22] 2014-12-18
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[51] **Int.Cl. G06F 9/50 (2006.01) G06F 17/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING NUMBER OF COMPUTING RESOURCES FOR EXECUTING A PLURALITY OF JOBS**
[54] **SYSTEME ET PROCEDE POUR DETERMINER LE NOMBRE DE RESSOURCES INFORMATIQUES NECESSAIRES A L'EXECUTION D'UNE PLURALITE DE TACHES**
[72] VIJAYARANGAN, NATARAJAN, IN
[72] SOMASUNDARAM, MURALIDHARAN, IN
[72] PADMANABHAN, KISHORE, IN
[73] TATA CONSULTANCY SERVICES LIMITED, IN
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[87] (2875410)
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[54] **ISOLATION OF IMMUNOGLOBULINS**
[54] **ISOLEMENT D'IMMUNOGLOBULINES**
[72] LIHME, ALLAN OTTO FOG, DK
[72] HANSEN, MARIE BENDIX, DK
[73] PATHEON HOLDINGS I B.V., NL
[86] (2876986)
[87] (2876986)
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[51] **Int.Cl. E21B 19/02 (2006.01) E21B 19/08 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR SEVERING A TUBE-WIRE**
[54] **DISPOSITIFS ET PROCEDES SERVANT AU DECOUPAGE D'UN FIL TUBULAIRE**
[72] MISSELBROOK, JOHN GORDON, CA
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-12-17
[86] 2013-04-25 (PCT/US2013/038141)
[87] (WO2014/003883)
[30] US (13/538,410) 2012-06-29

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[51] **Int.Cl. G03G 9/113 (2006.01) G03G 9/09 (2006.01)**
[25] EN
[54] **CARRIER, TWO-COMPONENT DEVELOPER, SUPPLEMENTAL DEVELOPER, IMAGE FORMING METHOD, PROCESS CARTRIDGE AND IMAGE FORMING APPARATUS**
[54] **SUPPORT, REVELATEUR A DEUX COMPOSANTS, REVELATEUR SUPPLEMENTAIRE, PROCEDE DE FORMATION D'IMAGE, CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGE**
[72] KISHIDA, HIROYUKI, JP
[72] YAGUCHI, SHIGENORI, JP
[72] TOHMATSU, HIROSHI, JP
[72] SAKATA, KOICHI, JP
[72] IWATSUKI, HITOSHI, JP
[72] TANO, TOYOAKI, JP
[73] RICOH COMPANY, LTD., JP
[85] 2014-12-18
[86] 2013-06-26 (PCT/JP2013/068193)
[87] (WO2014/003200)
[30] JP (2012-143841) 2012-06-27
[30] JP (2013-046257) 2013-03-08

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[51] **Int.Cl. A61M 5/168 (2006.01)**
[25] EN
[54] **IV FLOW CONTROLLER HAVING FLUSHING FEATURE**
[54] **REGULATEUR DE FLUX IV POSSEDANT UN ELEMENT DE RINCAGE**
[72] KIM, DONG KWAN, KR
[72] KIM, DONG SIK, KR
[73] KIM, DONG KWAN, KR
[73] KIM, DONG SIK, KR
[85] 2014-12-19
[86] 2012-11-08 (PCT/KR2012/009358)
[87] (WO2013/191335)
[30] KR (10-2012-0065986) 2012-06-20

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[13] C
[51] **Int.Cl. A61K 31/593 (2006.01) A61P 3/14 (2006.01)**
[25] EN
[54] **USE OF 2-METHYLENE-19-NOR-(20S)-1.ALPHA., 25-DIHYDROXYVITAMIN D3 TO TREAT SECONDARY HYPERPARATHYROIDSM**
[54] **UTILISATION DE 2-METHYLENE-19-NOR-(20S)-1.ALPHA., 25-DIHYDROXYVITAMINE D3 POUR LE TRAITEMENT D'HYPERPARTHYROIDISME SECONDAIRE**
[72] DELUCA, HECTOR F., US
[72] PLUM, LORI A., US
[72] ZELLA, JULIA B., US
[72] CLAGETT-DAME, MARGARET, US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2014-12-22
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[30] US (61/666,264) 2012-06-29

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[51] **Int.Cl. H04W 40/02 (2009.01)**
[25] EN
[54] **ESTABLISHING APPLICATION-BASED ROUTING POLICIES IN MULTI-MODE USER EQUIPMENT**
[54] **ETABLISSEMENT DE REGLES DE ROUTAGE BASEES SUR UNE APPLICATION DANS UN EQUIPEMENT UTILISATEUR A MODES MULTIPLES**
[72] GUPTA, VIVEK G., US
[73] INTEL CORPORATION, US
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[51] **Int.Cl. G01N 33/543 (2006.01) G01N 27/416 (2006.01) G01N 27/06 (2006.01)**
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[54] **IMMUNOASSAY DEVICE WITH IMMUNO-REFERENCE ELECTRODE**
[54] **DISPOSITIF D'IMMUNO-ESSAI POSSEDANT UNE ELECTRODE DE REFERENCE IMMUNOLOGIQUE**
[72] MILLER, CARY JAMES, CA
[72] CAMPBELL, JOHN LEWIS EMERSON, CA
[73] ABBOTT POINT OF CARE INC., US
[86] (2878648)
[87] (2878648)
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[25] EN
[54] **DRILL POSITIONING SYSTEM FOR JUMBO CARRIER UNIT**
[54] **DISPOSITIF DE POSITIONNEMENT DE FOREUR POUR MODULE PORTEUR GEANT**
[72] NELSON, YVES, CA
[73] 1311854 ONTARIO LIMITED, CA
[86] (2879241)
[87] (2879241)
[22] 2015-01-22

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[13] C
[51] **Int.Cl. H01R 13/66 (2006.01)**
[25] EN
[54] **MULTI-POSITION INPUT CORD ASSEMBLY FOR A POWER DISTRIBUTION UNIT**
[54] **ENSEMBLE CORDON D'ENTREE A POSITIONS MULTIPLES POUR UNE UNITE DE DISTRIBUTION D'ENERGIE**
[72] CONNOLLY, CHRIS, US
[72] IRONS, TRAVIS, US
[72] RAMSEY, MARK, US
[73] SERVER TECHNOLOGY, INC., US
[85] 2015-01-23
[86] 2013-07-26 (PCT/US2013/052345)
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[54] **SLICKLINE OR WIRELINE RUN HYDRAULIC MOTOR DRIVEN MILL**
[54] **MEULE ENTRAINEE PAR UN MOTEUR HYDRAULIQUE ENFILEE PAR UN CABLE METALLIQUE OU UN CABLE LISSE**
[72] LAIRD, MARY L., US
[72] COLBERT, ROBBIE B., US
[72] COLEMAN, DAVID W., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-02-05
[86] 2013-07-31 (PCT/US2013/053031)
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[25] EN
[54] **METHOD FOR THE TREATMENT OF ACNE**
[54] **PROCEDE DE TRAITEMENT DE L'ACNE**
[72] LUNDAHL, SCOTT, US
[73] DUSA PHARMACEUTICALS, INC., US
[85] 2015-02-09
[86] 2013-08-09 (PCT/US2013/054263)
[87] (WO2014/026077)
[30] US (61/681,888) 2012-08-10

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[51] **Int.Cl. C07D 491/107 (2006.01) A61K 31/4155 (2006.01) A61P 33/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF 1-(5'-(5-(3,5-DICHLORO-4-FLUOROPHENYL)-5-(TRIFLUOROMETHYL)-4,5-DIHYDROISOXAZOL-3-YL)-3'H-SPIRO[AZETIDINE-3,1'-ISOBENZOFURAN]-1-YL)-2-(METHYLSULFONYL)ETHANONE**
[54] **FORMES CRISTALLINES DE LA 1-(5'-(5-(3,5-DICHLORO-4-FLUOROPHENYL)-5-(TRIFLUOROMETHYL)-4,5-DIHYDROISOXAZOL-3-YL)-3'H-SPIRO[AZETIDINE-3,1'-ISOBENZOFURAN]-1-YL)-2-(METHYLSULFONYL)ETHANONE**
[72] BILLEN, DENIS, US
[72] BIRCHMEIER, MATTHEW JOSEPH, US
[72] VANDERROEST, RONALD J., US
[73] ZOETIS SERVICES LLC, US
[85] 2015-02-09
[86] 2013-08-28 (PCT/US2013/056945)
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[54] **AUTOMATIC DRAFT CONTROL SYSTEM FOR COKE PLANTS**
[54] **SYSTEME DE COMMANDE DE TIRAGE AUTOMATIQUE POUR COKERIES**
[72] QUANCI, JOHN F., US
[72] CHUN, PETER, US
[72] KAPLAREVIC, MILOS, US
[72] REILING, VINCE, US
[73] SUNCOKE TECHNOLOGY AND DEVELOPMENT LLC, US
[85] 2015-02-12
[86] 2013-08-13 (PCT/US2013/054703)
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[51] **Int.Cl. E21B 47/013 (2012.01) E21B 10/42 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR OBTAINING AT-BIT MEASUREMENTS FOR AN EARTH-BORING DRILLING TOOL**
[54] **APPAREILS ET PROCEDES POUR OBTENIR DES MESURES AU NIVEAU DU TREPAN POUR UN OUTIL DE FORAGE DE TERRE**
[72] SCOTT, DANNY E., US
[72] MOLLART, TIMOTHY PETER, GB
[72] BRANDON, JOHN ROBERT, GB
[73] BAKER HUGHES INCORPORATED, US
[73] ELEMENT SIX LIMITED, IE
[85] 2015-02-13
[86] 2013-08-15 (PCT/US2013/055053)
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[25] EN
[54] **METHODS FOR FORMING INSTRUMENTED CUTTING ELEMENTS OF AN EARTH-BORING DRILLING TOOL**
[54] **PROCEDE POUR FORMER DES ELEMENTS DE COUPE A INSTRUMENTS D'UN OUTIL DE FORAGE DE TERRE**
[72] SCOTT, DANNY E., US
[72] MOLLART, TIMOTHY PETER, GB
[72] BRANDON, JOHN ROBERT, GB
[73] BAKER HUGHES INCORPORATED, US
[73] ELEMENT SIX LIMITED, IE
[85] 2015-02-13
[86] 2013-08-15 (PCT/US2013/055055)
[87] (WO2014/028686)
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[25] EN
[54] **AIR BAG MOUNTING ASSEMBLY AND METHODS**
[54] **ENSEMBLE ET PROCEDES DE MONTAGE DE COUSSIN DE SECURITE GONFLABLE**
[72] LAVERE, MICHAEL J., US
[72] CRUME, BRUCE A., US
[72] SILER, STEVEN R., US
[73] SPARTAN MOTORS, INC., US
[85] 2015-02-17
[86] 2013-08-15 (PCT/US2013/055134)
[87] (WO2014/028732)
[30] US (61/683,684) 2012-08-15
[30] US (61/683,701) 2012-08-15
[30] US (13/967,542) 2013-08-15

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[13] C
[51] **Int.Cl. B29D 35/08 (2010.01) A43D 999/00 (2006.01)**
[25] EN
[54] **MANUFACTURING PROCESS OF SHOE WITH INTERNALLY WATERPROOFED FABRIC UPPER**
[54] **PROCEDE DE FABRICATION D'UNE CHAUSSURE COMPORTANT UNE TIGE INTERIEURE ETANCHEISEE**
[72] GIANGRANDI, OSVALDO, IT
[73] CALZATURIFICIO MODA ITALIANA SRL, IT
[86] (2882462)
[87] (2882462)
[22] 2015-02-19
[30] IT (AN2014A000085) 2014-06-04

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[13] C
[51] **Int.Cl. G10L 21/038 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR REPRODUCING AN AUDIO SIGNAL, APPARATUS AND METHOD FOR GENERATING A CODED AUDIO SIGNAL, COMPUTER PROGRAM AND CODED AUDIO SIGNAL**
[54] **APPAREIL ET PROCEDE DE REPRODUCTION D'UN SIGNAL AUDIO, APPAREIL ET PROCEDE DE GENERATION D'UN SIGNAL AUDIO CODE, PROGRAMME D'ORDINATEUR ET SIGNAL AUDIO CODE**
[72] DISCH, SASCHA, DE
[72] SCHUBERT, BENJAMIN, DE
[72] MULTRUS, MARKUS, DE
[72] HELMRICH, CHRISTIAN, DE
[72] SCHMIDT, KONSTANTIN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-02-23
[86] 2013-08-27 (PCT/EP2013/067730)
[87] (WO2014/033131)
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[25] EN
[54] **TOPICAL COMPOSITIONS COMPRISING INORGANIC PARTICULATES AND AN ALKOXYLATED DIPHENYLACRYLATE COMPOUND**
[54] **COMPOSITIONS TOPIQUES COMPRENANT DES PARTICULES INORGANIQUES ET UN COMPOSE DIPHENYLACRYLATE ALCOXYLE**
[72] SUSAK, MILANKA, CA
[72] SYED, ISMAIL A., US
[72] NAJDEK, LINDA J., US
[72] IONITA-MANZATU, MIRELA CRISTINA, US
[73] ELC MANAGEMENT LLC, US
[86] (2883006)
[87] (2883006)
[22] 2010-05-03
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[25] EN
[54] **METHOD AND APPARATUS FOR MOTION VECTOR DETERMINATION IN VIDEO ENCODING OR DECODING**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE VECTEUR DE MOUVEMENT POUR LE CODAGE OU LE DECODAGE VIDEO**
[72] KIM, IL-KOO, KR
[72] PARK, YOUNG-O, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2883368)
[87] (2883368)
[22] 2012-11-08
[62] 2,854,887
[30] US (61/557,133) 2011-11-08

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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01N 25/32 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY XR30AR14RX**
[54] **VARIETE DE SOJA XR30AR14RX**
[72] MOZZONI, LEANDRO, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2883600)
[87] (2883600)
[22] 2015-03-02
[30] US (62/082,055) 2014-11-19

[11] **2,883,608**
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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 25/32 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY XB15R14R2**
[54] **VARIETE DE SOYA XB15R14R2**
[72] LUSSENDEN, ROGER L., US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2883608)
[87] (2883608)
[22] 2015-03-02
[30] US (62/083,369) 2014-11-24

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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN VARIETY XR30AT14RX**
[54] **VARIETE DE SOYA XR30AT14RX**
[72] HALL, JEFFREY, US
[72] REHMAN, MAQSOOD, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2883685)
[87] (2883685)
[22] 2015-03-02
[30] US (62/082,061) 2014-11-19

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[51] **Int.Cl. A61G 13/00 (2006.01) A61F 5/04 (2006.01) A61G 13/12 (2006.01)**
[25] EN
[54] **ADAPTER PLANE FOR A SURGICAL TABLE, IN PARTICULAR FOR HIP REPLACEMENT SURGERY WITH ANTERIOR APPROACH**
[54] **PLAN D'ADAPTATEUR POUR UNE TABLE CHIRURGICALE, EN PARTICULIER POUR UNE CHIRURGIE DE REMPLACEMENT DE HANCHE AVEC UNE APPROCHE ANTERIEURE**
[72] BERNARDONI, MASSIMILIANO, CH
[72] GIARDIELLO, MIRKO, CH
[72] SICCARDI, ALBERTO, CH
[72] SICCARDI, FRANCESCO, CH
[73] MEDACTA INTERNATIONAL S.A., CH
[85] 2015-03-05
[86] 2013-09-17 (PCT/IB2013/058608)
[87] (WO2014/045194)
[30] IT (MI2012A 001546) 2012-09-18

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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 4/00 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **A METHOD OF PRODUCING TRANSGENIC CORN PLANTS FROM CALLUS OF CORN EMBRYOS**
[54] **UNE METHODE DE PRODUCTION DE PLANTS DE MAIS TRANSGENIQUES A PARTIR DE CALLUS D'EMBRYONS DE MAIS**
[72] AKULA, ANISHA, US
[72] DUNCAN, DAVID R., US
[72] LOWE, BRENDA, US
[72] MANN, MICHAEL T., US
[72] PETERSEN, WILLIAM L., US
[72] ROUT, JYOTI R., US
[72] SONGSTAD, DAVID D., US
[72] WILKS, JOEL B., US
[72] ZHANG, WANGGEN, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2884022)
[87] (2884022)
[22] 2007-08-31
[62] 2,666,821
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[51] **Int.Cl. A23L 33/125 (2016.01) A23K 20/163 (2016.01) A23L 33/10 (2016.01) A61K 31/7016 (2006.01) A61P 5/46 (2006.01)**
[25] EN
[54] **METHODS FOR MODULATING CORTICOSTERONE LEVELS IN PSYCHOLOGICALLY STRESSED INDIVIDUALS**
[54] **PROCEDES PERMETTANT DE MODULER LES NIVEAUX DE CORTICOSTERONE CHEZ DES INDIVIDUS SOUFFRANT DE STRESS PSYCHOLOGIQUE**
[72] HERNANDEZ, ENRIQUE VAZQUEZ, ES
[72] CABRERA, RICARDO RUEDA, ES
[72] BUCK, RACHAEL, US
[72] GONZALEZ, MARIA RAMIREZ, ES
[73] ABBOTT LABORATORIES, US
[85] 2015-03-11
[86] 2013-09-12 (PCT/US2013/059436)
[87] (WO2014/043330)
[30] EP (12382354.4) 2012-09-14

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[51] **Int.Cl. H02G 15/064 (2006.01) H01B 7/02 (2006.01) H01B 13/08 (2006.01) H01R 4/70 (2006.01) H02G 15/18 (2006.01)**
[25] EN
[54] **ELASTOMERIC CABLE ADAPTERS FOR POWER TRANSMISSION CABLES AND COVER ASSEMBLIES AND METHODS INCLUDING THE SAME**
[54] **ADAPTATEURS DE CABLES ELASTOMERES POUR CABLES DE TRANSMISSION D'ENERGIE ET ENSEMBLES DE REVETEMENT ET PROCEDES LES COMPRENANT**
[72] MAHER, KATHRYN MARIE, US
[73] TYCO ELECTRONICS CORPORATION, US
[85] 2015-03-11
[86] 2013-09-11 (PCT/US2013/059143)
[87] (WO2014/043167)
[30] US (13/617,930) 2012-09-14

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[51] **Int.Cl. C09D 4/00 (2006.01)**
[25] EN
[54] **CURABLE FILM-FORMING COMPOSITIONS DEMONSTRATING BURNISH RESISTANCE AND LOW GLOSS**
[54] **COMPOSITIONS FILMOGENES DURCISSABLES RESISTANTES AU BRUNISSAGE ET PEU BRILLANTES**
[72] MORAVEK, SCOTT J., US
[72] MOHNOT, SHANTILAL, US
[72] THOMAS, STEPHEN J., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-03-11
[86] 2013-09-11 (PCT/US2013/059209)
[87] (WO2014/043198)
[30] US (13/611,292) 2012-09-12

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[51] **Int.Cl. H04N 21/2187 (2011.01) H04N 21/258 (2011.01) H04N 21/435 (2011.01) H04N 21/442 (2011.01) H04N 21/482 (2011.01) H04N 21/658 (2011.01)**
[25] EN
[54] **PROVIDING SECONDARY CONTENT TO ACCOMPANY A PRIMARY CONTENT ITEM**
[54] **FOURNITURE DE CONTENU SECONDAIRE POUR ACCOMPAGNER UN ELEMENT DE CONTENU PRINCIPAL**
[72] MANDALIA, HIREN M., US
[72] ALI, MIR F., US
[72] BASAPUR, SANTOSH S., US
[72] BRASKICH, ANTHONY J., US
[72] DAVIS, PAUL C., US
[72] ISHTIAQ, FAISAL, US
[72] METCALF, CRYSTA J., US
[72] NOVAK, ASHLEY B., US
[72] RITTLE, LOREN J., US
[72] RUSSELL, DALE W., US
[72] TALLEY, JAMES R., US
[72] VENKITARAMAN, NARAYANAN, US
[73] ARRIS ENTERPRISES LLC, US
[85] 2015-03-18
[86] 2013-09-27 (PCT/US2013/062237)
[87] (WO2014/052788)
[30] US (13/628,161) 2012-09-27

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[13] C
[51] **Int.Cl. B65D 90/66 (2006.01) B65D 90/54 (2006.01)**
[25] EN
[54] **HARD OPEN TOP CONTAINER**
[54] **CONTENEUR RIGIDE A DESSUS OUVRABLE**
[72] LV, GUOQUAN, CN
[73] NANTONG CIMC-SPECIAL TRANSPORTATION EQUIPMENT MANUFACTURE CO., LTD., CN
[73] CIMC CONTAINERS HOLDING COMPANY LTD., CN
[73] CHINA INTERNATIONAL MARINE CONTAINERS (GROUP) LTD., CN
[85] 2015-03-23
[86] 2013-06-26 (PCT/CN2013/078034)
[87] (WO2014/048148)
[30] CN (201220493031.1) 2012-09-25

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[51] **Int.Cl. G01N 9/00 (2006.01)**
[25] EN
[54] **A VIBRATING DENSITOMETER WITH AN IMPROVED VIBRATING MEMBER**
[54] **DENSITOMETRE VIBRANT AVEC ELEMENT VIBRANT AMELIORE**
[72] CASEY, MEGAN, US
[72] PANKRATZ, ANTHONY WILLIAM, US
[73] MICRO MOTION, INC., US
[85] 2015-03-24
[86] 2012-09-26 (PCT/US2012/057330)
[87] (WO2014/051574)

[11] **2,886,191**
[13] C
[51] **Int.Cl. E21B 10/32 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO DOWNHOLE TOOLS**
[54] **AMELIORATIONS APPORTEES OU SE RAPPORTANT A DES OUTILS DE FORAGE**
[72] LASSOIE, JEAN-PIERRE, BE
[72] RANSFORD HARDIN, JOHN, JR., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-23
[86] 2012-10-22 (PCT/IB2012/055804)
[87] (WO2014/064485)

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[13] C
[51] **Int.Cl. G01J 3/45 (2006.01) G01N 21/27 (2006.01) G01N 21/35 (2014.01)**
[25] EN
[54] **SPECTROSCOPIC MEASUREMENT DEVICE**
[54] **APPAREIL DE MESURE STROBOSCOPIQUE**
[72] ISHIMARU, ICHIRO, JP
[73] NATIONAL UNIVERSITY CORPORATION KAGAWA UNIVERSITY, JP
[85] 2015-03-25
[86] 2013-10-02 (PCT/JP2013/076871)
[87] (WO2014/054708)
[30] JP (2012-223460) 2012-10-05

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[13] C
[51] **Int.Cl. A61G 5/14 (2006.01) A61G 7/10 (2006.01) A61H 3/00 (2006.01)**
[25] EN
[54] **AUTOMATED UTILITY DEVICE FOR MOBILITY**
[54] **DISPOSITIF UTILITAIRE AUTOMATISE DE MOBILITE**
[72] SALIM, FARAH, CA
[73] SALIM, FARAH, CA
[86] (2886860)
[87] (2886860)
[22] 2015-04-01

[11] **2,886,971**
[13] C
[51] **Int.Cl. B03D 1/02 (2006.01) B01F 3/00 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR IMPROVEMENT IN FROTH FLOTATION**
[54] **COMPOSITION ET PROCEDE PERMETTANT D'AMELIORER LA FLOTTATION PAR MOUSSE**
[72] LIU, JIANJUN, US
[72] O'BRIEN, KEVIN L., US
[73] ECOLAB USA INC., US
[85] 2015-04-01
[86] 2013-11-23 (PCT/US2013/071551)
[87] (WO2014/085274)
[30] US (13/687,042) 2012-11-28

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[13] C
[51] **Int.Cl. E21B 33/10 (2006.01) E21B 33/124 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **DISSOLVABLE ALUMINUM DOWNHOLE PLUG**
[54] **BOUCHON DE FOND DE TROU EN ALUMINIUM DISSOLVABLE**
[72] FRAZIER, W. LYNN, US
[73] MAGNUM OIL TOOLS INTERNATIONAL, LTD., US
[86] (2886988)
[87] (2886988)
[22] 2015-04-02
[30] US (61/974,065) 2014-04-02
[30] US (62/003,616) 2014-05-28
[30] US (62/019,679) 2014-07-01

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[25] EN
[54] **OPTICAL CONNECTOR**
[54] **CONNECTEUR OPTIQUE**
[72] KANNO, SHUHEI, JP
[73] FUJIKURA, LTD., JP
[86] (2887523)
[87] (2887523)
[22] 2015-04-08
[30] JP (2014-082842) 2014-04-14
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[25] EN
[54] **OUTDOOR POWER EQUIPMENT HOOD HINGE**
[54] **CHARNIERE DE CAPOT D'EQUIPEMENT ELECTRIQUE D'EXTERIEUR**
[72] FISHER, COREY, US
[73] HUSQVARNA AB, SE
[85] 2015-04-15
[86] 2012-10-15 (PCT/US2012/060241)
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[51] **Int.Cl. E21B 44/04 (2006.01) E21B 4/18 (2006.01) E21B 10/26 (2006.01) E21B 17/07 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF ADJUSTING WEIGHT ON BIT AND BALANCING PHASE**
[54] **SYSTEMES ET PROCEDES D'AJUSTEMENT DE POIDS SUR UN TREPAN ET DE PHASE D'EQUILIBRAGE**
[72] SAMUEL, ROBELLO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-20
[86] 2012-12-28 (PCT/US2012/071950)
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[25] EN
[54] **HIGH INTENSITY WARNING LIGHT WITH REFLECTOR AND LIGHT-EMITTING DIODES**
[54] **LUMIERE D'ALARME DE FORTE INTENSITE AVEC REFLECTEUR ET DIODES ELECTROLUMINESCENTES**
[72] PECK, JOHN PATRICK, US
[72] ACACIA, SAM, US
[73] DIALIGHT CORPORATION, US
[86] (2888849)
[87] (2888849)
[22] 2012-04-06
[62] 2,832,597
[30] US (61/473,509) 2011-04-08
[30] US (61/474,001) 2011-04-11
[30] US (13/440,427) 2012-04-05

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[13] C
[51] **Int.Cl. B44C 5/04 (2006.01)**
[25] EN
[54] **WEAR PROTECTION LAYER INCLUDING ELLIPSOIDAL SOLID PARTICLES**
[54] **COUCHE ANTI-USURE CONTENANT DES PARTICULES SOLIDES ELLIPSOIDALES**
[72] HANNIG, HANS-JURGEN, DE
[73] SURFACE TECHNOLOGIES GMBH & CO. KG, DD
[85] 2015-04-17
[86] 2013-10-23 (PCT/EP2013/072213)
[87] (WO2014/086532)
[30] EP (12195583.5) 2012-12-05

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[13] C
[51] **Int.Cl. B32B 38/14 (2006.01) B32B 38/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A PRINTING MATERIAL AND A DIRECTLY PRINTED DECORATIVE PANEL**
[54] **PROCEDE DE PRODUCTION D'UN SUBSTRAT D'IMPRESSION AINSI QU'UN PANNEAU DECORATIF DIRECTEMENT IMPRIME**
[72] HANNIG, HANS-JURGEN, DE
[73] SURFACE TECHNOLOGIES GMBH & CO. KG, DD
[85] 2015-04-22
[86] 2013-12-05 (PCT/EP2013/075627)
[87] (WO2014/102046)
[30] EP (12199682.1) 2012-12-28
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[25] EN
[54] **SYRINGE**
[54] **SERINGUE**
[72] CUDE, MICHAEL J., US
[73] COEUR, INC., US
[85] 2015-02-13
[86] 2013-08-13 (PCT/US2013/054676)
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[54] **DRILL STRING STABILIZER RECOVERY IMPROVEMENT FEATURES**
[54] **CARACTERISTIQUES D'AMELIORATION DE RECUPERATION DE STABILISATEUR DE TRAINS DE TIGES**
[72] MOYER, MARK C., US
[72] PASTUSEK, PAUL E., US
[72] LOUVIER, EILEEN, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-04-22
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[25] EN
[54] **AMPHIPHILIC SILOXANE-CONTAINING (METH)ACRYLAMIDES AND USES THEREOF**
[54] **(METH)ACRYLAMIDES AMPHIPHILES CONTENANT DU SILOXANE ET LEURS UTILISATIONS**
[72] CHANG, FRANK, US
[72] ZHOU, JIAN S., US
[73] NOVARTIS AG, CH
[85] 2015-04-28
[86] 2013-12-13 (PCT/US2013/074906)
[87] (WO2014/093764)
[30] US (61/737,181) 2012-12-14

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[25] EN
[54] **METHOD AND APPARATUS FOR OPTIMIZING DEEP RESISTIVITY MEASUREMENTS WITH MULTI-COMPONENT ANTENNAS**
[54] **METHODE ET APPAREIL D'OPTIMISATION DE MESURES DE RESISTIVITE EN PROFONDEUR AVEC DES ANTENNES A COMPOSANTS MULTIPLES**
[72] WU, HSU-HSIANG, US
[72] DONDERICI, BURKAY, US
[72] GUNER, BARIS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-30
[86] 2012-12-19 (PCT/US2012/070584)
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[25] EN
[54] **CAP SUITABLE FOR USE WITH ENTERAL FEEDING CONTAINER**
[54] **CAPUCHON APPROPRIE POUR ETRE UTILISE AVEC UN RECIPIENT D'ALIMENTATION ENTERALE**
[72] KROPCZYNSKI, JOHN, US
[72] MCBROOM, JEREMY, US
[72] WALTER, MEGHAN, US
[73] ABBOTT LABORATORIES, US
[85] 2015-05-06
[86] 2013-11-13 (PCT/US2013/069878)
[87] (WO2014/078404)
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[54] **AN INSULATING WALL SYSTEM FOR A BUILDING STRUCTURE**
[54] **SYSTEME MURAL ISOLANT POUR STRUCTURE DE BATIMENT**
[72] TER-BORCH, HANS HENRIK, DK
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2015-05-13
[86] 2013-11-14 (PCT/EP2013/073799)
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[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGE THROUGH INTRA PREDICTION**
[54] **PROCEDE ET APPAREIL POUR CODER ET DECODER UNE IMAGE PAR INTRA-PREDICTION**
[72] MIN,JUNG-HYE, KR
[72] LEE, SUN-IL, KR
[72] HAN, WOO-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2891843)
[87] (2891843)
[22] 2011-07-15
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[30] US (61/364,986) 2010-07-16
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[25] EN
[54] **METHOD FOR MANUFACTURING SUPERIOR 13CR THICKENED DRILLROD**
[54] **METHODE DE FABRICATION DE TIGES EN 13CR REFOULEES EPAISSIES DE QUALITE SUPERIEURE**
[72] ZHAO, PENG, CN
[72] SONG, YANPENG, CN
[72] ZHANG, JIANWEI, CN
[72] WANG, MINGHUA, CN
[72] ZHANG, CHUNXIA, CN
[73] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2015-05-14
[86] 2013-11-12 (PCT/CN2013/086911)
[87] (WO2014/166252)
[30] CN (201310119899.4) 2013-04-08

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[25] EN
[54] **METHOD AND APPARATUS FOR RECOVERING DATA**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE REPARER DES DONNEES**
[72] ZHANG, FENG, CN
[72] TENG, FENGTAO, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-05-21
[86] 2012-11-21 (PCT/CN2012/084961)
[87] (WO2014/078997)

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[25] EN
[54] **DETECTION OF A CHANGE IN THE CROSS - SECTIONAL AREA OF A FLUID TUBE IN A VIBRATING METER BY DETERMINING A LATERAL MODE STIFFNESS**
[54] **DETECTION D'UN CHANGEMENT DANS LA SURFACE DE SECTION TRANSVERSALE D'UN TUBE DE FLUIDE DANS UN DISPOSITIF DE MESURE VIBRANT PAR LA DETERMINATION D'UNE RIGIDITE DE MODE LATERAL**
[72] ALVES, GOLDINO, US
[72] BELL, MARK JAMES, US
[73] MICRO MOTION, INC., US
[85] 2015-05-26
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[25] EN
[54] **AUXILIARY PUMPING UNIT**
[54] **UNITE DE POMPAGE AUXILIAIRE**
[72] HAMLETT, ANTHONY FRANK, US
[72] WALKER, ROY, US
[72] HOOPER, GARY, US
[73] THYSSENKRUPP ELEVATOR CORPORATION, US
[86] (2892648)
[87] (2892648)
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[25] EN
[54] **FPGA MEMORY PAGING**
[54] **PAGINATION DE MEMOIRE FPGA**
[72] GLACKIN, BRENDAN, US
[72] MCCLEMENTS, GLENN, US
[73] NYSE GROUP, INC., US
[85] 2015-05-29
[86] 2013-12-04 (PCT/US2013/073173)
[87] (WO2014/099382)
[30] US (13/720,267) 2012-12-19

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[51] **Int.Cl. B29D 5/00 (2006.01) B29D 7/00 (2006.01)**
[25] EN
[54] **PLASTIC BAG MAKING APPARATUS**
[54] **MACHINE A FABRIQUER DES SACS EN PLASTIQUE**
[72] NAGATA, HIROSHI, JP
[72] OHNISHI, YUJI, JP
[73] TOTANI CORPORATION, JP
[86] (2893497)
[87] (2893497)
[22] 2015-06-01
[30] JP (2014-120473) 2014-06-11

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[51] **Int.Cl. B65D 6/16 (2006.01) B65D 25/00 (2006.01)**
[25] EN
[54] **STORAGE BOX**
[54] **BOITE DE RANGEMENT**
[72] LEUNG, MING FUK, CN
[73] LEUNG, MING FUK, CN
[85] 2015-06-03
[86] 2014-11-14 (PCT/CN2014/091106)
[87] (WO2015/078306)
[30] CN (201320762457.7) 2013-11-28

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[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/18 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **SLURRY POWDER COSMETIC COMPOSITIONS AND METHODS**
[54] **SUSPENSION DE COMPOSITIONS COSMETIQUES EN POUDRE ET PROCEDES ASSOCIES**
[72] LIN, GANG, CN
[72] CHENG, JING, CN
[72] GUO, YANHUA, CN
[73] ESTEE LAUDER INTERNATIONAL, INC., US
[85] 2015-06-08
[86] 2012-12-21 (PCT/CN2012/001720)
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[51] **Int.Cl. F03D 15/00 (2016.01) F16H 57/022 (2012.01) F03D 80/80 (2016.01)**
[25] EN
[54] **ROTATING UNIT FOR ROTATING A COMPONENT MOUNTED IN A ROTATABLE MANNER ON A WIND TURBINE**
[54] **MODULE DE ROTATION DESTINE A FAIRE TOURNER UNE COMPOSANTE INSTALLEE DE MANIERE ROTATIVE SUR UNE EOLIENNE**
[72] TREDE, ALF, DE
[72] EUSTERBARKEY, CARSTEN, DE
[73] SENVION SE, DE
[86] (2894335)
[87] (2894335)
[22] 2015-06-16
[30] DE (10 2014 009 306.9) 2014-06-26

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[51] **Int.Cl. C08L 31/04 (2006.01) C09D 5/02 (2006.01) C09D 7/12 (2006.01) C09D 131/04 (2006.01)**
[25] EN
[54] **COATINGS FOR USE IN HIGH HUMIDITY CONDITIONS**
[54] **REVETEMENTS DESTINES A ETRE UTILISES DANS DES CONDITIONS D'HUMIDITE ELEVEE**
[72] CHEN, YUE, US
[72] TILARA, NAVIN, US
[72] MAUCK, JEAN FREDRICK, US
[72] YANG, SHIJUN, US
[72] FREIDZON, YAKOV, US
[72] SHEERIN, ROBERT J., US
[73] BENJAMIN MOORE & CO., US
[85] 2015-06-09
[86] 2013-12-16 (PCT/US2013/075392)
[87] (WO2014/099784)
[30] US (13/721,973) 2012-12-20

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[51] **Int.Cl. F03D 13/20 (2016.01)**
[25] EN
[54] **TRANSITION BODY ARRANGED BETWEEN DIFFERENTLY CONFIGURED SECTIONS OF A WIND ENERGY PLANT TOWER AND A WIND ENERGY PLANT TOWER WITH SUCH A TRANSITION BODY**
[54] **ELEMENT DE TRANSITION DESTINE A ETRE DISPOSE ENTRE DES PORTIONS EXECUTEES DIFFEREMMENT D'UNE TOUR D'EOLIENNE ET TOUR D'EOLIENNE EQUIPEE DUDIT ELEMENT DE TRANSITION**
[72] DREWES, STEPHAN, DE
[72] HIRT, MARK, DE
[72] PATON, ADRIAN, DE
[72] SAVVAS, KONSTANTINOS, DE
[72] SCHILLING, FRANK, DE
[73] THYSSENKRUPP STEEL EUROPE AG, DE
[85] 2015-06-10
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[87] (WO2014/095252)
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[25] EN
[54] **SYSTEMS AND METHODS FOR COMPUTER ASSISTED DISPATCH, INCIDENT REPORT-BASED VIDEO SEARCH AND TAGGING**
[54] **SYSTEME ET PROCEDE S'APPLIQUANT A LA DISTRIBUTION ASSISTEE PAR ORDINATEUR, LA RECHERCHE ET LE MARQUAGE VIDEO SUR LA BASE DE RAPPORT D'INCIDENTS**
[72] MAY, PHILIP E., US
[72] TINE, STEVEN D., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-06-10
[86] 2013-11-25 (PCT/US2013/071596)
[87] (WO2014/092990)
[30] US (13/714,663) 2012-12-14

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[51] **Int.Cl. B28D 1/04 (2006.01) B28D 7/04 (2006.01)**
[25] EN
[54] **TILE OR MASONRY SAW ASSEMBLY WITH DOUBLE MOVEMENT**
[54] **SCIE A TUILE OU MACONNERIE A DOUBLE MOUVEMENT**
[72] ELMESTRAND, KARL, SE
[72] NORDVALL, PETTER, SE
[73] HUSQVARNA AB, SE
[86] (2894837)
[87] (2894837)
[22] 2015-06-17
[30] SE (1450768-5) 2014-06-19

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[13] C
[51] **Int.Cl. A61K 31/19 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **GAMMA-HYDROXYBUTYRATE COMPOSITIONS AND THEIR USE FOR THE TREATMENT OF DISORDERS**
[54] **COMPOSITIONS DE GAMMA-HYDROXYBUTYRATE ET LEUR UTILISATION POUR LE TRAITEMENT DE TROUBLES**
[72] ALLPHIN, CLARK P., US
[72] DESJARDIN, MICHAEL, US
[73] JAZZ PHARMACEUTICALS IRELAND LIMITED, IE
[85] 2015-06-11
[86] 2013-12-13 (PCT/US2013/074954)
[87] (WO2014/093791)
[30] US (61/737,695) 2012-12-14

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[51] **Int.Cl. C07H 21/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **LABELED OLIGONUCLEOTIDE PROBES USED FOR NUCLEIC ACID SEQUENCE ANALYSIS**
[54] **SONDES OLIGONUCLEOTIDIQUES MARQUEES UTILISEES POUR ANALYSER DES SEQUENCES D'ACIDES NUCLEIQUES**
[72] ANACLETO, CONCORDIO, US
[72] BUGAWAN, TEODORICA, US
[72] SCHOENBRUNNER, NANCY, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-06-12
[86] 2013-12-18 (PCT/EP2013/077016)
[87] (WO2014/095952)
[30] US (61/740,297) 2012-12-20

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[51] **Int.Cl. C11D 3/00 (2006.01) C11D 1/825 (2006.01) C11D 1/83 (2006.01) C11D 3/37 (2006.01) C11D 1/722 (2006.01)**
[25] EN
[54] **DISHWASHING COMPOSITION**
[54] **COMPOSITION DE DETERGENT POUR LAVE-VAISSELLE**
[72] LETZELTER, NATHALIE SOPHIE, GB
[72] VIALLET, SANDRINE, GB
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-06-17
[86] 2013-12-17 (PCT/US2013/075564)
[87] (WO2014/099853)
[30] EP (12199236.6) 2012-12-21

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[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **A METHOD OF AND A DEVICE FOR DETERMINING OPERATIONAL PARAMETERS OF A COMPUTATIONAL MODEL OF BOREHOLE EQUIPMENT, AN ELECTRONIC CONTROLLER AND BOREHOLE EQUIPMENT**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER DES PARAMETRES FONCTIONNELS D'UN MODELE DE CALCUL D'UN EQUIPEMENT DE TROU DE FORAGE, DISPOSITIF DE COMMANDE ELECTRONIQUE ET EQUIPEMENT DE TROU DE FORAGE**
[72] VELTMAN, ANDRE, NL
[73] ENGIE ELECTROPROJECT B.V., NL
[85] 2015-06-18
[86] 2013-12-20 (PCT/NL2013/050932)
[87] (WO2014/098598)
[30] NL (2010033) 2012-12-20

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[51] **Int.Cl. C10G 1/02 (2006.01)**
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[54] **METHOD FOR THE PYROLYTIC EXTRACTION OF HYDROCARBON FROM OIL SHALE**
[54] **PROCEDE D'EXTRACTION PYROLYTIQUE D'HYDROCARBURES A PARTIR DE SCHISTE BITUMEUX**
[72] WEISSELBERG, EDWARD, US
[73] WYSSMONT COMPANY INC., US
[86] (2896031)
[87] (2896031)
[22] 2010-05-28
[62] 2,778,230
[30] US (12/589,394) 2009-10-22

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[51] **Int.Cl. A44B 18/00 (2006.01) B65D 33/24 (2006.01) B65D 33/25 (2006.01) F16B 2/20 (2006.01) F16B 5/07 (2006.01)**
[25] FR
[54] **VERY FLEXIBLE SELF-GRIPPING DEVICE WITH HOOKS**
[54] **DISPOSITIF AUTO-AGRIPPANT A CROCHETS A GRANDE SOUPLESSE**
[72] DUCAUCHUIS, JEAN-PIERRE, FR
[72] MARCHE, THIERRY, FR
[73] APLIX, FR
[86] (2896562)
[87] (2896562)
[22] 2008-05-16
[62] 2,689,414
[30] FR (0704202) 2007-06-13

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[51] **Int.Cl. C07C 273/04 (2006.01)**
[25] EN
[54] **UREA PLANT REVAMPING METHOD**
[54] **PROCEDE DE MODERNISATION D'UNE USINE D'UREE**
[72] BUITINK, FREDERICUS HENRICUS MARIA, NL
[72] DIELTJENS, LUC LOUIS MARIA, NL
[73] STAMICARBON B.V., NL
[85] 2015-06-26
[86] 2013-12-27 (PCT/NL2013/050960)
[87] (WO2014/104893)
[30] EP (12199620.1) 2012-12-28

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[13] C
[51] **Int.Cl. B29C 70/38 (2006.01) B29D 99/00 (2010.01) B29C 70/54 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FABRICATING CONTOURED LAMINATE STRUCTURES**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE STRUCTURES LAMINEES PROFILEES**
[72] BUTTRICK, JAMES N., US
[72] BANKS, DAVID P., US
[72] STEWART, DENNIS W., US
[72] SANCHEZ, JESUS, US
[72] MODIN, ANDREW E., US
[72] DEPASE, EDOARDO P., US
[73] THE BOEING COMPANY, US
[85] 2015-07-02
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[87] (WO2014/107243)
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[54] **SYSTEMS AND METHODS FOR STATISTICAL MEASUREMENT CONTROL OF SPECTROPHOTOMETRIC DATA**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE MESURE STATISTIQUE DE DONNEES DE SPECTROPHOTOMETRIE**
[72] NORRIS, ALISON M., US
[73] PPG INDUSTRIES OHIO, INC., US
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[54] **BEVERAGE PRESERVATIVE SYSTEM BASED ON PIMARICIN AND HEADSPACE GAS**
[54] **SYSTEME CONSERVATEUR POUR BOISSON A BASE DE PIMARICINE ET D'UN GAZ DE SURFACE**
[72] SMITH, RICHARD T., US
[72] SANNITO, DAN, US
[73] PEPSICO, INC., US
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[54] **APPARATUS FOR REMOVING DRILL CUTTINGS**
[54] **DISPOSITIF D'EVACUATION DE DEBLAIS DE FORAGE**
[72] GERHARDT, TOBIAS, DE
[72] LUBBERGER, MICHAEL, DE
[73] HERRENKNECHT AG, DE
[85] 2015-07-08
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[25] EN
[54] **METHOD FOR REMOVING RADIOACTIVE CESIUM, HYDROPHILIC RESIN COMPOSITION FOR REMOVAL OF RADIOACTIVE CESIUM, METHOD FOR REMOVING RADIOACTIVE IODINE AND RADIOACTIVE CESIUM, AND HYDROPHILIC RESIN COMPOSITION FOR REMOVAL OF RADIOACTIVE IODINE AND RADIOACTIVE CESIUM**
[54] **PROCEDE D'ELIMINATION DE CESIUM RADIOACTIF, COMPOSITION DE RESINE HYDROPHILE POUR L'ELIMINATION DE CESIUM RADIOACTIF, PROCEDE D'ELIMINATION D'IODE RADIOACTIF ET DE CESIUM RADIOACTIF, ET COMPOSITION DE RESINE HYDROPHILE POUR L'ELIMINATION D'IODE RADIOACTIF ET DE CESIUM RADIOACTIF**
[72] HANADA, KAZUYUKI, JP
[72] KIMURA, KAZUYA, JP
[72] MUTO, KAZUAKI, JP
[72] TAKAHASHI, KENICHI, JP
[72] URUNO, MANABU, JP
[73] DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD., JP
[73] UKIMA CHEMICALS & COLOR MFG. CO., LTD., JP
[85] 2015-07-15
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[54] **ACTUATOR UNIT**
[54] **UNITE D'ACTIONNEUR**
[72] OGAWA, TAKAYUKI, JP
[73] KYB CORPORATION, JP
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[54] **LIGHT-DEVICE MOUNTING STRUCTURE OF VEHICLE**
[54] **STRUCTURE D'INSTALLATION DE DISPOSITIF LUMINEUX POUR UN VEHICULE**
[72] MORIMOTO, JUN, JP
[72] SHIOKAWA, TATSUYA, JP
[72] UZAKI, MASAYUKI, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2900070)
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[22] 2015-08-10
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[25] EN
[54] **FOLDING RULE AND METHOD FOR MEASURING ANGLES**
[54] **METRE PLIANT ET PROCEDE POUR LA MESURE D'ANGLES**
[72] NEUGARTNER, MARIO, DE
[73] NEUGARTNER, MARIO, DE
[85] 2015-07-30
[86] 2014-02-04 (PCT/EP2014/052155)
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[54] **ACTUATOR UNIT**
[54] **UNITE D'ACTIONNEMENT**
[72] OGAWA, TAKAYUKI, JP
[73] KYB CORPORATION, JP
[85] 2015-08-04
[86] 2014-01-29 (PCT/JP2014/051958)
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[25] EN
[54] **METHODS FOR REPAIRING DEFECTS IN AUTOMOTIVE COATINGS**
[54] **PROCEDES DE REPARATION DE DEFAUTS DE REVETEMENTS AUTOMOBILES**
[72] SWARUP, SHANTI, US
[72] XU, XIANGLING, US
[72] SADVARY, RICHARD J., US
[72] CHASSER, ANTHONY M., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-08-07
[86] 2014-02-25 (PCT/US2014/018275)
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[51] **Int.Cl. B09B 3/00 (2006.01) C12P 7/02 (2006.01) C12P 13/04 (2006.01)**
[25] EN
[54] **BIOMASS TREATMENT SYSTEM, SACCHARIDE SOLUTION PRODUCING PROCESS USING BIOMASS AS RAW MATERIAL, AND ORGANIC RAW MATERIAL PRODUCING PROCESS**
[54] **SYSTEME DE TRAITEMENT DE BIOMASSE, PROCEDE DE PRODUCTION DE SOLUTION DE SACCHARIDE UTILISANT DE LA BIOMASSE COMME MATIERE PREMIERE, ET PROCEDE DE PRODUCTION DE MATIERE PREMIERE ORGANIQUE**
[72] UEHARA, RYOSUKE, JP
[72] KOBAYASHI, SEIJI, JP
[72] GENTA, MINORU, JP
[72] TERAKURA, SEIICHI, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS ENVIRONMENTAL SOLUTIONS, LTD., JP
[85] 2015-08-10
[86] 2013-02-28 (PCT/JP2013/055500)
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[25] EN
[54] **STEP APPARATUS FOR HEAVY CONSTRUCTION EQUIPMENT AND TREE HARVESTER HAVING LEVELING SYSTEM**
[54] **MARCHEPIED POUR MATERIEL LOURD DE CHANTIER, ET ABATTEUSE- EBRANCHEUSE EQUIPEE D'UN SYSTEME DE MISE A NIVEAU**
[72] KIM, IN WOO, KR
[72] PARK, YOUNG OK, KR
[73] VOLVO CONSTRUCTION EQUIPMENT HOLDING SWEDEN AB, SE
[86] (2901075)
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[25] EN
[54] **STORAGE TANK CONSTRUCTION METHOD**
[54] **PROCEDE DE CONSTRUCTION DE RESERVOIR DE STOCKAGE**
[72] IJICHI, SAORI, JP
[73] IHI CORPORATION, JP
[85] 2015-08-12
[86] 2014-05-20 (PCT/JP2014/063299)
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[54] **METHOD OF SECURING CONDUCTIVE THREAD IN AN ABSORBENT ARTICLE**
[54] **PROCEDE DE FIXATION D'UN FIL CONDUCTEUR DANS UN ARTICLE ABSORBANT**
[72] VARTIAINEN, KENT, SE
[72] BOSAEUS, MATTIAS, SE
[72] ELFSTROM, ALLAN, US
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2015-08-13
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[54] **ROLLED SURFACES HAVING A DULLED GLOSS FINISH**
[54] **SURFACES LAMINEES AYANT UN FINI DE BRILLANT ATTENUE**
[72] WRIGHT, DAVID SKINGLEY, DE
[72] RAWE, FRANZ JOSEF, DE
[73] NOVELIS INC., US
[85] 2015-08-13
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[54] **CLAD SHEET ALLOYS FOR BRAZING APPLICATIONS**
[54] **ALLIAGES DE TOLE PLAQUEE POUR DES APPLICATIONS DE BRASAGE**
[72] MAROIS, PIERRE HENRI, CA
[73] NOVELIS INC., US
[85] 2015-08-13
[86] 2014-03-14 (PCT/US2014/027921)
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[25] EN
[54] **METHOD OF ENHANCING THE COMPLEXITY OF A FRACTURE NETWORK WITHIN A SUBTERRANEAN FORMATION**
[54] **PROCEDE POUR AUGMENTER LA COMPLEXITE D'UN RESEAU DE FRACTURES DANS UNE FORMATION SOUTERRAINE**
[72] GOMAA, AHMED M., US
[72] QU, QI, US
[72] MAHARIDGE, RUSSELL L., US
[72] NELSON, SCOTT G., US
[72] REED, TED B., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **INTEGRATION OF RESIDUE HYDROCRACKING AND HYDROTREATING**
[54] **INTEGRATION D'HYDROCRAQUAGE ET D'HYDROTRAITEMENT DE RESIDU**
[72] BALDASSARI, MARIO C., US
[72] MUKHERJEE, UJJAL K., US
[72] OLSEN, ANN-MARIE, US
[72] GREENE, MARVIN I., US
[73] LUMMUS TECHNOLOGY INC., US
[85] 2015-08-21
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[25] EN
[54] **METHOD FOR ENTROPY-ENCODING SLICE SEGMENT AND APPARATUS THEREFOR, AND METHOD FOR ENTROPY-DECODING SLICE SEGMENT AND APPARATUS THEREFOR**
[54] **PROCEDE D'ENCODAGE ENTROPIQUE DE SEGMENT DE TRANCHE ET APPAREIL POUR CE PROCEDE, ET PROCEDE DE DECODAGE ENTROPIQUE DE SEGMENT DE TRANCHE ET APPAREIL POUR CE PROCEDE**
[72] LEE, TAMMY, KR
[72] CHOI, BYEONG-DOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2903190)
[87] (2903190)
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[54] **THERMAL AND ACOUSTICAL INSULATION**
[54] **ISOLATION THERMIQUE ET ACOUSTIQUE**
[72] GUZMAN, SHAWN JOSE, US
[72] BARGO, MATTHEW, II, US
[72] BORJA, DEMETRIO BELLOCIDO, US
[72] PIKE, JAMES JOSEPH, US
[73] CTA ACOUSTICS, INC., US
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[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING FLUID INTERFACE PROXIMATE AN ELECTRICAL SUBMERSIBLE PUMP AND OPERATING THE SAME IN RESPONSE THERETO**
[54] **APPAREIL ET PROCEDE POUR DETERMINER UNE INTERFACE DE FLUIDE A PROXIMITE D'UNE POMPE SUBMERSIBLE ELECTRIQUE ET ACTIONNER CELLE-CI EN REPONSE A CELLE-LA**
[72] GILL, COOPER C., US
[72] WINGSTROM, LUKE, US
[72] WANG, XIAOWEI, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-09-01
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[54] **DOWNHOLE TUBING ROTATORS AND RELATED METHODS**
[54] **APPAREILS DE ROTATION DE COLONNE DE PRODUCTION DE FOND ET PROCEDES ASSOCIES**
[72] OBREJANU, MARCEL, CA
[73] PREMIUM ARTIFICIAL LIFT SYSTEMS LTD., CA
[85] 2015-09-03
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[54] **AUTOMATIC SPLICE WATER DRIP NOSE CONE**
[54] **COIFFE A COMPTE-GOUTTE POUR EPISSURE AUTOMATIQUE**
[72] CAWOOD, MATTHEW D., US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
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[54] **BEHIND THE EAR HEARING AID**
[54] **AIDE AUDITIVE DERRIERE L'OREILLE**
[72] JENSEN, PETER NORDLAND, DK
[72] VAARBROE, KLAUS HENRIK, DK
[72] MARCHER, IB, DK
[73] WIDEX A/S, DK
[85] 2015-09-08
[86] 2013-12-11 (PCT/EP2013/076242)
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[54] **PROTECTIVE PATIENT FOOTWEAR DESIGN AND MANUFACTURING SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE CONCEPTION ET DE FABRICATION DE CHAUSSURES DE PROTECTION POUR PATIENT**
[72] HANFT, JASON R., US
[73] HANFT, JASON R., US
[85] 2015-09-09
[86] 2014-03-10 (PCT/US2014/022393)
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[25] EN
[54] **MONO-WEB RESEALABLE PACKAGE WITH TAMPER-EVIDENT TEAR STRIP**
[54] **EMBALLAGE REFERMABLE A VOILE UNIQUE MUNI D'UNE BANDE DECHIRABLE INVIOLABLE**
[72] HUFFER, SCOTT WILLIAM, US
[73] SONOCO DEVELOPMENT, INC., US
[85] 2015-09-09
[86] 2014-03-07 (PCT/US2014/021551)
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[25] EN
[54] **CORROSION RESISTANT ALUMINUM ALLOY SUBSTRATES AND METHODS OF PRODUCING THE SAME**
[54] **SUBSTRATS D'ALLIAGE D'ALUMINIUM RESISTANTS A LA CORROSION ET LEURS PROCEDES DE FABRICATION**
[72] LEVENDUSKY, THOMAS L., US
[72] ASKIN, ALBERT L., US
[72] GUTHRIE, JOSEPH D., US
[72] VEGA, LUIS FANOR, US
[72] ROBARE, KEVIN M., US
[72] ZEDIAK, CLINTON, US
[72] LEE, WILSON C., US
[72] SOHI, JASKIRAT, US
[73] ARCONIC INC., US
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[25] EN
[54] **SELF-CLEANING PRE-FILTER FOR A WATER CIRCULATION PUMP**
[54] **PREFILTRE A NETTOYAGE AUTOMATIQUE POUR UNE POMPE DE CIRCULATION D'EAU**
[72] ROCHE, STEPHEN D., US
[73] ROCHE, STEPHEN D., US
[85] 2015-09-11
[86] 2013-03-15 (PCT/US2013/032302)
[87] (WO2014/143007)
[30] US (13/836,649) 2013-03-15

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[25] EN
[54] **VARIABLE ANGLE FORMLINER AND MASTER MOLD**
[54] **INTERIEUR DE FORME A ANGLE VARIABLE ET MOULE MAITRE**
[72] FASCHING, RICHARD E., US
[72] WALTERS, MARSHALL GILBERT, US
[73] ARCHITECTURAL POLYMERS, INC., US
[86] (2905852)
[87] (2905852)
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[25] EN
[54] **A PAD DRILLING METHOD FOR DRILLING MULTIPLE WELLS AND A MULTI-WELL PAD SYSTEM EMPLOYING THE SAME**
[54] **UNE METHODE DE FORAGE SUR SOCLE SERVANT A FORER PLUSIEURS PUITS ET UN SYSTEME DE SOCLE MULTIPUITS EMPLOYANT LADITE METHODE**
[72] LEROUX, ASHLEY, CA
[73] INTEGRATED THERMAL SOLUTIONS LTD., CA
[86] (2905891)
[87] (2905891)
[22] 2015-10-01
[30] US (62/152,616) 2015-04-24

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[25] EN
[54] **NASAL FLUSHING CATHETER**
[54] **CATHETER DE PURGE NASALE**
[72] WU, LIH-CHIU, TW
[72] LEE, HUI-SHUAN, TW
[72] LEE, TSANG-MU, TW
[72] LEE, TZE-YU, TW
[73] WU, LIH-CHIU, TW
[86] (2907253)
[87] (2907253)
[22] 2015-10-02
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[25] EN
[54] **METHOD OF INCREASING FRACTURE NETWORK COMPLEXITY AND CONDUCTIVITY**
[54] **PROCEDE PERMETTANT D'AUGMENTER LA COMPLEXITE ET LA CONDUCTIVITE D'UN RESEAU DE FRACTURES**
[72] CREWS, JAMES B., US
[72] LI, CHUNLOU, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-09-18
[86] 2014-03-26 (PCT/US2014/031896)
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[30] US (61/809,187) 2013-04-05

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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **VERTICAL-BASED QUERY OPTIONALIZING**
[54] **OPTIONNALISATION DE REQUETE BASEE SUR UNE RECHERCHE VERTICALE**
[72] SANKAR, SRIRAM, US
[72] DE ASSIS, IGOR RIBEIRO, US
[73] FACEBOOK, INC., US
[85] 2015-09-25
[86] 2014-04-03 (PCT/US2014/032780)
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[30] US (13/858,775) 2013-04-08

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[51] **Int.Cl. A47C 4/04 (2006.01) A47C 4/10 (2006.01) A47C 4/20 (2006.01)**
[25] EN
[54] **FOLDING SEAT**
[54] **SIEGE PLIANT**
[72] YIP, KWAI, HK
[73] YIP, KWAI, HK
[86] (2909175)
[87] (2909175)
[22] 2015-10-19
[30] CN (201410709119.6) 2014-11-28

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[25] EN
[54] **RUBBER COMPOSITION FOR CONVEYOR BELT, AND CONVEYOR BELT**
[54] **COMPOSITION DE CAOUTCHOUC POUR COURROIE TRANSPORTEUSE, ET COURROIE TRANSPORTEUSE**
[72] SASAKUMA, HIDEHIRO, JP
[72] SUEFUJI, RYOTARO, JP
[72] MIYAJIMA, ATSUSHI, JP
[72] HOU, GANG, JP
[73] THE YOKOHAMA RUBBER CO., LTD., JP
[85] 2015-10-13
[86] 2014-04-08 (PCT/JP2014/060165)
[87] (WO2014/171364)
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[54] **SUPPORTED STRAP TWIST DEVICE**
[54] **DISPOSITIF DE TORSION DE SANGLE TENUE**
[72] TERMANAS, JEFFREY D., US
[73] SIGNODE INTERNATIONAL IP HOLDINGS LLC, US
[85] 2015-10-15
[86] 2014-04-14 (PCT/US2014/034008)
[87] (WO2014/172279)
[30] US (61/812,583) 2013-04-16
[30] US (14/250,952) 2014-04-11

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[25] EN
[54] **HYBRID VEHICLE**
[54] **VEHICULE HYBRIDE**
[72] YAMAMOTO, MASAYA, JP
[72] OKOCHI, TOSHINORI, JP
[72] IMAI, KEITA, JP
[72] MIYAMOTO, TOMOHIKO, JP
[72] OKUDA, KOICHI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2910882)
[87] (2910882)
[22] 2015-10-30
[30] JP (2014-222810) 2014-10-31

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[51] **Int.Cl. H01M 8/2475 (2016.01)**
[25] EN
[54] **INSULATOR AND FUEL CELL DEVICE**
[54] **ISOLANT ET DISPOSITIF DE PILE A COMBUSTIBLE**
[72] HOTTA, YUTAKA, JP
[72] NISHIUMI, HIROAKI, JP
[72] TAKAYAMA, TATEKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2910915)
[87] (2910915)
[22] 2015-10-30
[30] JP (2014-224797) 2014-11-05

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[51] **Int.Cl. B28B 1/30 (2006.01)**
[25] EN
[54] **GYPSUM BOARD MANUFACTURING METHOD AND MANUFACTURING DEVICE**
[54] **PROCEDE DE FABRICATION ET DISPOSITIF DE FABRICATION DE PANNEAU DE PLATRE**
[72] YOSHIDA, TSUYOSHI, JP
[72] HIMENO, AKIRA, JP
[72] NOGUCHI, TOMOHIRO, JP
[73] YOSHINO GYPSUM CO., LTD., JP
[85] 2015-11-04
[86] 2014-03-24 (PCT/JP2014/057964)
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[30] JP (2013-108116) 2013-05-22

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[25] EN
[54] **HYDROGEN STORAGE TANK**
[54] **ACCUMULATEUR**
[72] TAKAGI, SHUSAKU, JP
[72] NAGAO, AKIHIDE, JP
[72] KIMURA, MITSUO, JP
[72] ISHIKAWA, NOBUYUKI, JP
[72] TAKANO, TOSHIO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2015-10-23
[86] 2014-04-24 (PCT/JP2014/002300)
[87] (WO2014/174845)
[30] JP (2013-093656) 2013-04-26

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[51] **Int.Cl. H02P 6/16 (2016.01) B66B 3/02 (2006.01) H02P 6/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING POSITION FOR A PERMANENT MAGNET ELEVATOR MOTOR**
[54] **PROCEDE ET APPAREIL POUR DETERMINER UNE POSITION POUR UN MOTEUR D'ELEVATEUR A AIMANT PERMANENT**
[72] BACKMAN, JOHN, US
[72] ANDERSON, GARRY, GB
[73] MAGNETEK, INC., US
[85] 2015-12-17
[86] 2014-07-08 (PCT/US2014/045682)
[87] (WO2015/006283)
[30] US (13/940,497) 2013-07-12

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[25] EN
[54] **DOUBLE-WALLED CONTAINER**
[54] **RECIPIENT A DOUBLE PAROI**
[72] HOSHINO, SHINYA, JP
[72] KUWAHARA, KATSUHITO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2015-12-17
[86] 2014-06-26 (PCT/JP2014/003428)
[87] (WO2014/208096)
[30] JP (2013-137349) 2013-06-28
[30] JP (2013-137444) 2013-06-28
[30] JP (2013-137451) 2013-06-28
[30] JP (2014-073947) 2014-03-31

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[25] EN
[54] **ELASTOMERIC VORTEX GENERATORS**
[54] **GENERATEURS DE TOURBILLONS ELASTOMERIQUES**
[72] IRELAND, PETER S., AU
[73] IRELAND, PETER S., AU
[86] (2916550)
[87] (2916550)
[22] 2010-07-09
[62] 2,767,139
[30] US (61/224,481) 2009-07-10
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[51] **Int.Cl. B66B 23/02 (2006.01) B66B 21/12 (2006.01)**
[25] EN
[54] **DRIVE SYSTEM FOR A TRANSPORT SYSTEM**
[54] **MECANISME D'ENTRAINEMENT POUR UN MECANISME DE TRANSPORT**
[72] GONZALEZ ALEMANY, MIGUEL ANGEL, ES
[72] GONZALEZ PANTIGA, JUAN DOMINGO, ES
[72] GONZALEZ FERNANDEZ, ENRIQUE, ES
[72] MENDIOLAGOITIA JULIANA, JOSE, ES
[72] PELLO GARCIA, ALBERTO, ES
[72] OJEDA ARENAS, JOSE, ES
[72] MORAN GARCIA, EDUARDO, ES
[72] QUIROGA SANCHEZ, ANA BELEN, ES
[72] FERNANDEZ ALVAREZ, LUIS JOAQUIN, ES
[72] FLOREZ CASTRO, ALBERTO, ES
[72] MUSLERA FERNANDEZ, IGNACIO, ES
[73] THYSSENKRUPP ELEVATOR INNOVATION CENTER, S.A., GI
[85] 2015-12-23
[86] 2014-08-19 (PCT/ES2014/070662)
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[25] EN
[54] **ADJUSTABLE OVERHEAD COOKING UNIT**
[54] **MODULE DE CUISSON SURELEVE AJUSTABLE**
[72] MOY, CHRIS, US
[72] HAMILTON, EVANS, US
[73] HESTAN COMMERCIAL CORPORATION, US
[86] (2917395)
[87] (2917395)
[22] 2016-01-12
[30] US (62/102,246) 2015-01-12

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[51] **Int.Cl. C09D 5/24 (2006.01) C09D 5/44 (2006.01) H01B 1/20 (2006.01)**
[25] EN
[54] **ELECTROCONDUCTIVE COMPOSITE SUBSTRATES COATED WITH ELECTRODEPOSITABLE COATING COMPOSITIONS AND METHODS OF PREPARING THEM**
[54] **SUBSTRATS COMPOSITES ELECTROCONDUCTEURS REVETUS DE COMPOSITIONS DE REVETEMENT ELECTRODEPOSABLE, ET LEURS PROCEDES DE PREPARATION**
[72] MORAVEK, SCOTT J., US
[72] PEFFER, ROBIN M., US
[72] MAYO, MICHAEL A., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2016-01-05
[86] 2014-07-10 (PCT/US2014/046101)
[87] (WO2015/006534)
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[51] **Int.Cl. G05D 23/19 (2006.01) H04W 52/02 (2009.01) F24F 11/02 (2006.01)**
[25] EN
[54] **STAGING CLIMATE CONTROL SYSTEM CONTROLLER FUNCTIONS BASED ON AVAILABLE POWER**
[54] **ETABLISSEMENT DE FONCTIONS DE CONTROLEUR DE SYSTEME DE CONTROLE DU CLIMAT FONDE SUR L'ALIMENTATION DISPONIBLE**
[72] VOGEL, G. SCOTT, US
[72] SIRAVURI, RISHI, US
[73] EMERSON ELECTRIC CO., US
[86] (2919800)
[87] (2919800)
[22] 2016-02-03
[30] US (14/634,283) 2015-02-27

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[51] **Int.Cl. A61B 17/34 (2006.01) A61M 5/178 (2006.01)**
[25] EN
[54] **INJECTION DEVICE FOR MINIMALLY INVASIVE PROCEDURES AND USES THEREOF**
[54] **DISPOSITIF D'INJECTION POUR INTERVENTIONS PEU INVASIVES ET SES UTILISATIONS**
[72] CABRERA AQUINO, JOSE GUSTAVO, MX
[72] SEGURA PACHECO, BIANCA ANGELICA, MX
[72] GERKEN, STEVEN, US
[72] MASTERSON, STEVEN, US
[73] GLOBAL BIO THERAPEUTICS, INC., US
[85] 2016-02-02
[86] 2014-08-08 (PCT/US2014/050446)
[87] (WO2015/021448)
[30] US (61/863,888) 2013-08-08

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[51] **Int.Cl. B65G 11/02 (2006.01) B65G 11/18 (2006.01) E04G 21/16 (2006.01)**
[25] EN
[54] **CHUTE SYSTEM**
[54] **MECANISME DE GOULOTTE**
[72] FAULKNER, EDWARD R., US
[73] FAULKNER, EDWARD R., US
[86] (2920831)
[87] (2920831)
[22] 2016-02-16
[30] US (14/732,091) 2015-06-05

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[51] **Int.Cl. G10L 19/24 (2013.01) G10L 19/025 (2013.01) G10L 19/02 (2013.01) G10L 19/12 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CODING A PORTION OF AN AUDIO SIGNAL USING A TRANSIENT DETECTION AND A QUALITY RESULT**
[54] **APPAREIL ET PROCEDE DE CODAGE D'UNE PARTIE D'UN SIGNAL AUDIO AU MOYEN D'UNE DETECTION DE TRANSITOIRE ET D'UN RESULTAT DE QUALITE**
[72] HELMRICH, CHRISTIAN, DE
[72] FUCHS, GUILLAUME, DE
[72] MARKOVIC, GORAN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[86] (2920964)
[87] (2920964)
[22] 2012-02-13
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[25] EN
[54] **PROCESS FOR MAKING POLYARYLETHERS AND USE IN MEMBRANE PREPARATION**
[54] **PROCEDE DE FABRICATION DE POLYARYLETHERS ET LEUR UTILISATION EN PREPARATION DE MEMBRANES**
[72] RUSSELL, GEOFFREY ANDREW, US
[72] WHITE, JAMES LESLIE, US
[72] BARTON, BRETT ALLEN, US
[72] SAVARIAR, SELVARAJ (DECEASED), US
[72] TEO, JIUNN, US
[72] FORD, CHERYL, US
[72] HUDSON, KEVIN, US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2016-02-10
[86] 2014-07-21 (PCT/US2014/047340)
[87] (WO2015/023395)
[30] US (13/965,453) 2013-08-13

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[51] **Int.Cl. F16N 25/00 (2006.01) F16C 33/66 (2006.01) F16N 7/36 (2006.01) F16N 13/22 (2006.01)**
[25] EN
[54] **LIQUID DROP LUBRICATION STRUCTURE USING ELECTRETS AND TRANSMISSION INCLUDING SAME**
[54] **STRUCTURE DE LUBRIFICATION PAR GOUTTE DE LIQUIDE AU MOYEN D'ELECTRETS ET TRANSMISSION LA COMPORTANT**
[72] ICHIGE, KEISUKE, JP
[72] IRITANI, MASANORI, JP
[72] TAKAYAMA, HITOSHI, JP
[72] SHIINA, TAKAHIRO, JP
[72] TOKOZAKURA, DAISUKE, JP
[72] TOMINAGA, SATOSHI, JP
[72] ARAKAWA, KAZUYA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2921079)
[87] (2921079)
[22] 2016-02-18
[30] JP (2015-030917) 2015-02-19

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[13] C
[51] **Int.Cl. G06F 3/044 (2006.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **MULTIPOINT TOUCHSCREEN**
[54] **ECRAN TACTILE MULTIPOINT**
[72] HOTELLING, STEVE, US
[72] STRICKON, JOSHUA A., US
[72] HUPPI, BRIAN Q., US
[73] APPLE INC., US
[86] (2921335)
[87] (2921335)
[22] 2005-04-26
[62] 2,841,328
[30] US (10/840,862) 2004-05-06

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[51] **Int.Cl. C10L 1/04 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **DIESEL FUEL BLENDS WITH IMPROVED PERFORMANCE CHARACTERISTICS**
[54] **MELANGES DE COMBUSTIBLES DIESEL PRESENTANT DES CARACTERISTIQUES AMELIOREES DE PERFORMANCE**
[72] SCHUETZLE, ROBERT, US
[72] SCHUETZLE, DENNIS, US
[73] GREYROCK ENERGY, INC., US
[85] 2016-03-03
[86] 2014-06-30 (PCT/US2014/000155)
[87] (WO2015/012881)
[30] US (61/958,236) 2013-07-22

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[51] **Int.Cl. A61K 8/9789 (2017.01) A61K 8/67 (2006.01) A61K 8/99 (2017.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **TOPICAL PREPARATIONS COMPRISING GRAPE SEED, FOLIC ACID, BIOTIN, BIFIDOBACTERIUM LONGUM AND ECHINACEA PURPUREA**
[54] **PREPARATIONS TOPIQUES COMPRENANT DES PEPINS DE RAISIN, DE L'ACIDE FOLIQUE, DE LA BIOTINE, DU BIFIDUS ACTIF ET DE L'ECHINACEE POURPRE**
[72] LEE, WILSON A., US
[72] CROCKETT, BARBARA A., US
[72] PELLE, EDWARD, US
[72] PERNODET, NADINE A., US
[72] KEUPP, GEORGENA M., US
[73] ELC MANAGEMENT LLC, US
[85] 2016-03-03
[86] 2014-09-30 (PCT/US2014/058360)
[87] (WO2015/050883)
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[51] **Int.Cl. C07D 487/10 (2006.01) A61K 31/438 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **1 -(BETA-D-GLUCOPYRANOSYL)-1H-INDOLE COMPOUNDS**
[54] **COMPOSES 1 -(BETA-D-GLUCOPYRANOSYL)-1H-INDOLE**
[72] FIELDS, TODD, US
[73] ELI LILLY AND COMPANY, US
[85] 2016-03-08
[86] 2014-10-16 (PCT/US2014/060882)
[87] (WO2015/057953)
[30] US (61/891,995) 2013-10-17

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[51] **Int.Cl. C10C 3/02 (2006.01) C10G 29/00 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING HYDROGEN SULFIDE EVOLUTION FROM ASPHALT AND HEAVY FUEL OILS SULFIDE EVOLUTION FROM ASPHALT AND HEAVY FUEL OILS**
[54] **PROCEDE DE REDUCTION DU DEGAGEMENT DE SULFURE D'HYDROGENE DE L'ASPHALTE ET DES FUELS-OILS LOURDS ET DU DEGAGEMENT DE SULFURE DE L'ASPHALTE ET DES FUEL-OILS LOURDS**
[72] STARK, JOSEPH L., US
[72] DRAPER, JENNIFER D., US
[72] BIGGERSTAFF, PAUL J., US
[72] WOLFE, DONALD L., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2923872)
[87] (2923872)
[22] 2012-10-18
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[25] EN
[54] **METHOD FOR REDUCING HYDROGEN SULFIDE EVOLUTION FROM ASPHALT AND HEAVY FUEL OILS SULFIDE EVOLUTION FROM ASPHALT AND HEAVY FUEL OILS**
[54] **PROCEDE DE REDUCTION DU DEGAGEMENT DE SULFURE D'HYDROGENE DE L'ASPHALTE ET DES FUELS-OILS LOURDS ET DU DEGAGEMENT DE SULFURE DE L'ASPHALTE ET DES FUEL-OILS LOURDS**
[72] STARK, JOSEPH L., US
[72] DRAPER, JENNIFER D., US
[72] BIGGERSTAFF, PAUL J., US
[72] WOLFE, DONALD L., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2923874)
[87] (2923874)
[22] 2012-10-18
[62] 2,850,538
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[51] **Int.Cl. B65D 17/50 (2006.01) B65D 47/28 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A LID WITH CLOSURE**
[54] **PROCEDE DE FABRICATION D'UN COUVERCLE AVEC FERMETURE**
[72] BRATSCH, CHRISTIAN, AT
[72] VON RETTBERG, MARC, DE
[73] XOLUTION GMBH, DE
[85] 2016-03-11
[86] 2014-09-12 (PCT/EP2014/069472)
[87] (WO2015/036525)
[30] EP (13184385.6) 2013-09-13
[30] EP (13184833.5) 2013-09-17

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[51] **Int.Cl. B62M 3/08 (2006.01) B62M 6/50 (2010.01)**
[25] EN
[54] **BICYCLE PEDAL STRUCTURE CAPABLE OF TRIGGERING AUXILIARY POWER**
[54] **STRUCTURE DE PEDALE DE BICYCLETTE CAPABLE DE DECLENCHER UNE ALIMENTATION AUXILIAIRE**
[72] CHENG, HSIN-LIN, CN
[72] TENG, CHING-CHUNG, CN
[73] MOTIVE POWER INDUSTRY CO., LTD., CN
[86] (2925042)
[87] (2925042)
[22] 2016-03-24
[30] TW (104112842) 2015-04-22

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[13] C
[51] **Int.Cl. B01D 21/00 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **METHOD OF MEASURING A SLURRY FEED FOR A SOLID-LIQUID SEPARATION PROCESS**
[54] **METHODE DE MESURE D'UN APPORT DE BOUE POUR UN PROCEDE DE SEPARATION SOLIDE-LIQUIDE**
[72] LIU, YIJUN, US
[72] MARR, MICHAEL A., CA
[72] SETH, ALOK R., US
[72] RENNARD, DAVID C., CA
[72] LENART, PHILIP J., US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2925223)
[87] (2925223)
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[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS RELATING TO TIME LOCATION BASED EMPLOYEE MANAGEMENT SYSTEMS**
[54] **PROCEDES ET SYSTEMES LIES AUX SYSTEMES DE GESTION DES EMPLOYES FONDES SUR LA LOCALISATION ET LE TEMPS**
[72] EGGLESTON, YVES, CA
[73] PUNCHTIME INC., CA
[86] (2926074)
[87] (2926074)
[22] 2014-10-22
[62] 2,868,660
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[13] C
[51] **Int.Cl. H02K 1/12 (2006.01) H02K 1/22 (2006.01) H02K 3/28 (2006.01)**
[25] EN
[54] **DISC POWER GENERATOR**
[54] **GENERATEUR DE PUISSANCE A DISQUE**
[72] CHEUNG, WANG FUNG, CN
[73] LOH, BILL, SG
[85] 2016-04-08
[86] 2014-10-09 (PCT/CN2014/088158)
[87] (WO2015/051740)
[30] CN (201310470189.6) 2013-10-10

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[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 30/02 (2012.01) G06T 11/00 (2006.01)**
[25] EN
[54] **DYNAMIC PROMOTIONAL LAYOUT MANAGEMENT AND DISTRIBUTION RULES**
[54] **REGLES DE DISTRIBUTION ET GESTION DE PRESENTATION PUBLICITAIRE DYNAMIQUE**
[72] JACOBS, MICHAEL, IL
[73] SANDERLING MANAGEMENT LIMITED, VG
[85] 2016-04-19
[86] 2014-01-13 (PCT/IL2014/050032)
[87] (WO2014/115136)
[30] US (61/757,277) 2013-01-28

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[13] C
[51] **Int.Cl. B63H 9/06 (2006.01)**
[25] EN
[54] **CANTILEVERED SAIL RIG**
[54] **GREEMENT A VOILE EN PORTE-A-FAUX**
[72] DOW, PHILIP JAMES, US
[72] KETTERMAN, GREGORY SCOTT, US
[72] CZARNOWSKI, JAMES TAYLOR, US
[72] KARDAS, JASON CHRISTOPHER, US
[73] HOBIE CAT COMPANY, US
[85] 2016-05-02
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[73] NEATFREAK GROUP INC., CA
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[54] **MATIERES THERMOPLASTIQUES ET HYDRODISPERSABLES MOULABLES PAR INJECTION ET ARTICLES**
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[72] WIDEMAN, GREGORY J., US
[72] DEMARCO, ALPHONSE CARL, US
[72] PICKETT, AUSTIN, US
[72] MLEZIVA, MARK M., US
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[54] **APPAREIL DE RECUPERATION DE CHALEUR PERDUE**
[72] KOBAYASHI, HIDEO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **SYSTEMS AND EQUIPMENT FOR MONITORING THE CONTENTS OF ONE OR SEVERAL COMPARTMENT(S) IN A MEDICATION DISTRIBUTOR, FABRICATION METHOD FOR THE SYSTEMS AND EQUIPMENT AND CORRESPONDING METHODS FOR USE**
[54] **SYSTEMES ET EQUIPEMENTS PERMETTANT DE CONTROLER LE CONTENU D'UN OU DES COMPARTIMENT(S) D'UN DISTRIBUTEUR DE MEDICAMENTS, METHODE DE FABRICATION DES SYSTEMES ET EQUIPEMENTS ET METHODE D'UTILISATION CORRESPONDANTES**
[72] GROSFILS, MATTHIEU, CA
[72] FORTE, JEAN-PIERRE, CA
[73] GROSFILS, MATTHIEU, CA
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[54] **TECHNIQUES POUR LA PRODUCTION SUR DEMANDE D'ISOTOPES MEDICAUX TELS QUE MO 99/TC 99M ET D'ISOTOPES RADIOACTIFS DE L'IODE, Y COMPRIS I-131**
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[54] **STRUCTURE D'ETANCHEITE D'ELEMENT A EFFET HALL ET MOTEUR L'UTILISANT**
[72] YU, YUEQIANG, CN
[72] WANG, XIONGCHENG, CN
[72] BIAN, WENQING, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
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[54] **LAMELLE A ELEMENT GRAPHIQUE DESTINE A FORMER UNE BOTTINE DE PATIN**
[72] KOYESS, PHILIPPE, CA
[72] DEKOOS, DAVID, US
[73] SPORT MASKA INC., CA
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[54] **SYSTEME DE PILE A COMBUSTIBLE AVEC REGULATION DE LA MOUILLABILITE ET DE LA CONCENTRATION DE GAZ D'ANODE**
[72] AOKI, TETSUYA, JP
[72] MATSUMOTO, MICHIHIKO, JP
[72] KANEKO, YOUHEI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **BOITE DE VITESSES DE TYPE A ENGRENAGE PLANETAIRE**
[72] YASUTA, NOBUHITO, JP
[72] MATSUO, TAKU, JP
[72] SHIOHARA, MASAKI, JP
[72] KAMATANI, YUTAKA, JP
[72] IZUMI, KOHEI, JP
[73] KOMATSU LTD., JP
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[54] **CELLULE STANDARD A HAUT RENDEMENT**
[72] CHEN, XIANGDONG, US
[72] KWON, OHSANG, US
[72] VANG, FOUA, US
[72] DATTA, ANIMESH, US
[72] RASOULI, SEID HADI, US
[73] QUALCOMM INCORPORATED, US
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[54] **METHODE ET SYSTEME DE SUPPRESSION DE SIGNATURE D'ALIMENTATION DANS LES DISPOSITIFS MEMOIRE**
[72] KURJANOWICZ, WLODEK, CA
[72] HOLD, BETINA, CA
[73] SIDENSE CORP., CA
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[54] **ROTATEURS DE TUBAGES DE TETE DE PUITS ET METHODES ASSOCIEES**
[72] OBREJANU, MARCEL, CA
[73] PREMIUM ARTIFICIAL LIFT SYSTEMS LTD., CA
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[54] **BRACE HAVING ELASTIC AND INELASTIC PORTIONS**
[54] **ORTHESE AYANT DES PARTIES ELASTIQUES ET NON ELASTIQUES**
[72] GARTH, GEOFFREY, US
[72] BURKE, STEVEN, US
[73] ASPEN MEDICAL PARTNERS, LLC, US
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[54] **CARTRIDGE PORTION OF TRANSDERMAL DRUG DELIVERY APPARATUS AND METHODS**
[54] **PARTIE CARTOUCHE D'APPAREIL D'ADMINISTRATION DE MEDICAMENT TRANSDERMIQUE, ET PROCEDES**
[72] BAKER, ANDREW T., US
[72] GADSBY, ELIZABETH DEIBLER, US
[72] ROSS, RUSSELL F., US
[72] HAGAN, LUKE, US
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[54] **SET OF EYEGLASS-LENS SEMIFINISHED PRODUCTS AND METHOD FOR THE DESIGN OF SAID SET, METHOD AND DEVICE FOR PRODUCING EYEGLASS LENSES, AND USE OF A SET OF SEMIFINISHED PRODUCTS**
[54] **ENSEMBLE DE VERRES DE LUNETTES SEMI-FINIS ET PROCEDE DE CONCEPTION DE CELUI-CI, PROCEDE ET DISPOSITIF DE FABRICATION DE VERRES DE LUNETTES ET UTILISATION D'UN ENSEMBLE DE VERRES SEMI-FINIS**
[72] MICHELS, GEORG, DE
[72] KRATZER, TIMO, DE
[72] NOWAK, GERD, DE
[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE
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[25] EN
[54] **STIMULI-SWITCHABLE MOIETIES, MONOMERS AND POLYMERS INCORPORATING STIMULI-SWITCHABLE MOIETIES, AND METHODS OF MAKING AND USING SAME**
[54] **FRACTIONS COMMUTABLES AVEC DES STIMULI, MONOMERES ET POLYMERES INCORPORANT DES FRACTIONS COMMUTABLES AVEC DES STIMULI, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] MONTEMAGNO, CARLO DAVID, CA
[72] KUMARAN, SURJITH KUMAR, CA
[72] ABRAHAM, SINOJ, CA
[73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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[54] **DISTRIBUTION DE DIFFUSION SANS FIL AUDIO ET VIDEO AU MOYEN DE POINTS D'ACCES WIFI MULTI PORTEE**
[72] UNKNOWN, ZZ
[71] HUSSEIN, AHMED REFAEY, CA
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[72] TANDEL, ROSE, CA
[71] TANDEL, ROSE, CA
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[72] WRIGHT, CLYDE J., CA
[71] WRIGHT, CLYDE J., CA
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[54] **AMELIORATION DU RENDEMENT DE DISPOSITIFS OPTOELECTRONIQUES**
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[71] CHAJI, REZA, CA
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[54] **AUTHENTIFIANTS VERIFIABLES PORTATIFS ET METHODES ASSOCIEES**
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[54] **PONCEAU MULTI PAROI**
[72] SMITH, MURRAY W., CA
[71] SMITH, MURRAY W., CA
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[54] **HERBAL FORMULATION FOR TREATING CHRONIC FATIGUE SYNDROME**
[54] **FOMULATION D'HERBES DESTINEE AU TRAITEMENT DU SYNDROME DE FATIGUE CHRONIQUE**
[72] ELLERY, DAVID, CA
[71] ELLERY, DAVID, CA
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[54] **VERROUILLAGE DE TAMBOUR MECANIQUE MANUEL DESTINE AUX TOURS TELESCOPIQUES**
[72] UNKNOWN, ZZ
[71] CANADA TOWERS INC., CA
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[54] **GABARIT DECORATIF DESTINE A DU BOIS DE CONSTRUCTION**
[71] DAVEY, MATTHEW J., CA
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[54] **UN SERVEUR DE SIMULATION CAPABLE DE CREER DES EVENEMENTS DE PLAN DE LECON FONDE SUR DES STATISTIQUES DE DONNEES DE SIMULATION**
[72] BOWNESS, DAVID, CA
[72] DELISLE, JEAN-FRANCOIS, CA
[72] HO, DAC TOAN, CA
[72] GINGRAS, LUC, CA
[71] CAE INC, CA
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[54] **CRACKED GAS QUENCH HEAT EXCHANGER USING HEAT PIPES**
[54] **ECHANGEUR THERMIQUE DE REFROIDISSEMENT DE GAZOLE DE CRAQUAGE EMPLOYANT DES TUYAUX CHAUDS**
[72] BENUM, LESLIE WILFRED, CA
[72] CLAVELLE, ERIC, CA
[72] BOTROS, KAMAL K., CA
[72] SIMANZHENKOV, VASILY, CA
[72] FARAG, HANY ISKANDAR, CA
[72] KOSELEK, MICHAEL EDWARD, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[54] **DISPOSITIF A LIBERATION RAPIDE DESTINE A DES BACHES A ENROULEMENT LATERAL ELECTRIQUE**
[72] MICHEL, BUD, CA
[72] KOENDERS, STEVEN, CA
[71] MICHEL'S INDUSTRIES LTD., CA
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[54] **SOUFFLEUR/POMPE DE TURBINE A GAZ**
[72] HAMMOUD, OMAR, CA
[71] GREENTECH GAS TURBINE INC. / TURBINE A GAZ GREENTECH INC. (KNOWN BY EITHER NAME), CA
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[54] **ADJUSTABLE RACK APPARATUS**
[54] **APPAREIL DE SUPPORT REGLABLE**
[72] BOGUSLAWSKI, JOHN, US
[71] BOSSKI, INC., US
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[54] **NARROW TRANSPORTABLE DRIVE-OVER CONVEYOR SYSTEM WITH CABLE LIFT MECHANISM**
[54] **SYSTEME DE COURROIE DE TRANSPORT A PASSAGE TRANSPORTABLE ETROIT DOTE D'UN MECANISME LEVE-CABLE**
[72] WILCOX, BRIAN, CA
[71] AG GROWTH INTERNATIONAL INC., CA
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[54] **SPIN WELDING COMPONENT AND SPIN WELDING METHOD**
[54] **COMPOSANTE DE SOUDAGE PAR FRICTION ET METHODE DE SOUDAGE PAR FRICTION**
[72] SAITO, YUUKI, JP
[72] MIDORIYA, NORIYASU, JP
[71] TAKEHIRO CO.,LTD., JP
[71] TAKEHIRO KYUSHU CO., LTD., JP
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[54] **METHODS AND SYSTEMS FOR ENHANCING DATA SECURITY IN A COMPUTER NETWORK**
[54] **METHODES ET SYSTEMES DESTINES A AMELIORER LA SECURITE DES DONNEES DANS UN RESEAU INFORMATIQUE**
[72] MAHABIR, ROGER, CA
[72] DOEL, JASON, CA
[72] ABDULRAHEM, MESBAH, CA
[72] GRYS, PETER, CA
[72] HICKS, LOREN, CA
[71] TRACKER NETWORKS INC., CA
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[54] **EXCREMENT DEPOSITORY ASSEMBLY**
[54] **DISPOSITIF DE DEPOT D'EXCREMENT**
[72] DIXON, ANDRAI CARLTON, CA
[71] DIXON, ANDRAI CARLTON, CA
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[54] **COMBUSTION A RESONANCE HARMONIQUE**
[72] FOX, MATTHEW, AU
[71] DELAFIELD PTY LTD, AU
[22] 2016-02-19
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[51] **Int.Cl. E06B 7/28 (2006.01)**
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[54] **ENSEMBLE D'INSTALLATION**
[72] WINIKOFF, ROBERT, CA
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[54] **METHOD AND APPARATUS FOR RE-HEAT DEHUMIDIFICATION UTILIZING A VARIABLE SPEED COMPRESSOR SYSTEM**
[54] **METHODE ET APPAREIL DE DESHUMIDIFICATION DE RECHAUFFAGE EMPLOYANT UN MECANISME DE COMPRESSEUR A VITESSE VARIABLE**
[72] GOEL, RAKESH, US
[72] PHILLIPS, DEREK, US
[71] LENNOX INDUSTRIES INC., US
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[54] **WEAR/SEAT RINGS FOR GATE VALVES AND KNIFE GATE VALVES**
[54] **BAGUES D'USURE ET SIEGE POUR ROBINET-VANNE ET ROBINET-VANNE A GUILLOTINE**
[72] BEAUMONT, DARCY L., CA
[71] BEAUMONT, DARCY L., CA
[22] 2016-02-18
[41] 2017-08-18

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[51] **Int.Cl. B65D 47/06 (2006.01)**
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[54] **BAR BOTTLE**
[54] **BOUTEILLE DE BAR**
[72] CHEN, CHI-EN, CA
[72] LAKIC, BLAGO, CA
[71] FRANKE TECHNOLOGY AND TRADEMARK LTD., CH
[22] 2016-02-18
[41] 2017-08-18

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[51] **Int.Cl. A61J 7/04 (2006.01) A61J 1/03 (2006.01) A61J 7/00 (2006.01)**
[25] EN
[54] **EASYDOSE**
[54] **DOSAGE FACILE**
[72] MOHAMED, SAMEH S., CA
[71] MOHAMED, SAMEH S., CA
[22] 2016-02-18
[41] 2017-08-18

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[13] A1
[51] **Int.Cl. B43K 23/00 (2006.01)**
[25] EN
[54] **ORNAMENTAL DESIGN FOR A PENCIL HOLDER**
[54] **MODELE DECORATIF DE SUPPORT A CRAYON**
[72] TORTORICI, MARCO, CA
[71] CHAUNG, JOSEPH, CA
[22] 2016-02-19
[41] 2017-08-19

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[51] **Int.Cl. E04B 1/343 (2006.01) E04G 21/00 (2006.01) E04G 21/14 (2006.01)**
[25] EN
[54] **TRAILER-BASED CONSTRUCTION PLATFORM**
[54] **PLATEFORME DE CONSTRUCTION FONDEE SUR UNE REMORQUE**
[72] PUTYRA, TAD, CA
[72] FILICE, EUGENE CHRISTOPHER, CA
[72] SABARATNAM, KAMAL, CA
[72] CSIKI, JOHN CARL, CA
[72] PINHEIRO, ARMINDO, CA
[72] RUBINO, DAVID, CA
[71] BROCKPORT TRAILERS CORP., CA
[22] 2016-02-19
[41] 2017-08-19

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[51] **Int.Cl. B29C 53/04 (2006.01) B29C 53/84 (2006.01) E04F 13/07 (2006.01) E04F 13/18 (2006.01) E04F 13/21 (2006.01)**
[25] EN
[54] **VINYL SIDING BENDER MECHANISM**
[54] **MECANISME DE COURBURE DE PAREMENT EN VINYLE**
[72] LAVOIE, BERNARD, CA
[71] LAVOIE, BERNARD, CA
[22] 2016-02-19
[41] 2017-08-19

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[13] A1
[51] **Int.Cl. B05C 21/00 (2006.01)**
[25] EN
[54] **PERISTALTIC MIXING DISPENSER**
[54] **DISTRIBUTEUR DE MELANGE PERISTALTIQUE**
[72] LIVSHITZ, DANNY, CA
[72] LIVSHITZ, IRINA, CA
[71] LIVSHITZ, DANNY, CA
[71] LIVSHITZ, IRINA, CA
[22] 2016-02-19
[41] 2017-08-19

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[13] A1
[51] **Int.Cl. A47J 47/00 (2006.01)**
[25] EN
[54] **COMBINATION OF AN ORGANIC SUBSTRATE AND ORGANIC FORMULATION FOR USE AS A CUTTING BOARD AND STORAGE CONTAINER**
[54] **COMBINAISON D'UN SUBSTRAT ORGANIQUE ET D'UNE FORMULATION ORGANIQUE DESTINEE A UNE PLANCHE A DECOUPER ET UN CONTENANT DE STOCKAGE**
[72] DESROSIERS, TONI MARIE, CA
[71] ABEEGO DESIGNS INC., CA
[22] 2016-02-19
[41] 2017-08-19

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[13] A1
[51] **Int.Cl. G01R 31/02 (2006.01)**
[25] EN
[54] **BLOCK HEATER TEST SYSTEMS**
[54] **MECANISMES DE TEST DE CHAUFFE-BLOC**
[72] JOHNSON, DAN K., CA
[72] JOHNSON, JACKI, CA
[71] JOHNSON, DAN K., CA
[71] JOHNSON, JACKI, CA
[22] 2016-03-07
[41] 2017-08-18
[30] US (15047390) 2016-02-18

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[13] A1
[51] **Int.Cl. A23F 5/10 (2006.01)**
[25] EN
[54] **METHOD OF FORMING A SHELF-STABLE READY-TO-DRINK COFFEE PRODUCT**
[54] **METHODE DE FABRICATION D'UN PRODUIT DE CAFE PRET A BOIRE STABLE EN TABLETTE**
[72] MANGIGIAN, STEVEN, US
[71] ZINGERMAN'S COFFEE COMPANY, LLC, US
[22] 2016-03-08
[41] 2017-08-15
[30] US (15/043,756) 2016-02-15

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[51] **Int.Cl. E01H 5/10 (2006.01) A47G 27/02 (2006.01)**
[25] EN
[54] **SNOW MELTING MAT**
[54] **TAPIS DE FONTE DE NEIGE**
[72] DHAMRAIT, KAMALPREET SINGH, CA
[71] DHAMRAIT, KAMALPREET SINGH, CA
[22] 2016-03-14
[41] 2017-08-16
[30] US (62/295,738) 2016-02-16

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[13] A1
[51] **Int.Cl. H04N 5/232 (2006.01) H04W 4/00 (2009.01) H04N 21/80 (2011.01) G08B 21/18 (2006.01)**
[25] EN
[54] **NETWORK CAMERA HAVING A PLURALITY OF DIGITAL OUTPUT TERMINALS FOR OUTPUTTING ALARM AND CONTROL METHOD THEREOF**
[54] **CAMERA EN RESEAU COMPORTANT UNE PLURALITE DE TERMINAUX DE SORTIE NUMERIQUES SERVANT A PRODUIRE UNE ALARME ET METHODE DE CONTROLE ASSOCIEE**
[72] USIE, WESLEY ROBERT, US
[71] CHEKT LLC, US
[22] 2016-06-28
[41] 2017-08-14

[21] **2,944,684**
[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INTEGRATING MESSAGING NETWORK AND EXTERNAL SERVICE PROVIDERS**
[54] **SYSTEME ET METHODE D'INTEGRATION DE RESEAU DE MESSAGERIE ET DE FOURNISSEURS DE SERVICE EXTERNES**
[72] CLARKE, MALCOLM, CA
[71] KIK INTERACTIVE INC., CA
[22] 2016-10-06
[41] 2017-08-19
[30] US (62/297458) 2016-02-19

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[13] A1
[51] **Int.Cl. H01Q 3/00 (2006.01) H01Q 1/38 (2006.01) H01Q 25/00 (2006.01)**
[25] EN
[54] **STRUCTURALLY RECONFIGURABLE ANTENNA**
[54] **ANTENNE RESTRUCTURABLE DE MANIERE STRUCTURELLE**
[72] URCIA, MANNY S., JR., US
[72] ADAMS, ALEC, US
[72] WHITE, EDWARD V., US
[71] THE BOEING COMPANY, US
[22] 2016-11-23
[41] 2017-08-15
[30] US (15/043,826) 2016-02-15
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[51] **Int.Cl. B64D 11/04 (2006.01)**
[25] EN
[54] **REAL TIME GALLEY POWER MANAGEMENT AND FAULT MONITORING SYSTEM**
[54] **GESTION D'ALIMENTATION DE BLOC-CUISINE EN TEMPS REEL ET SYSTEME DE SURVEILLANCE DES DEFAILLANCES**
[72] FERRER, ALBERTO, US
[72] KUMAR, ANIL, US
[72] RAYAPROLU, KESAV R., US
[71] THE BOEING COMPANY, US
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[13] A1
[51] **Int.Cl. E21B 33/03 (2006.01) E21B 34/02 (2006.01)**
[25] EN
[54] **SAFETY VALVE HANDLING APPARATUS FOR A WELL OPERATION RIG**
[54] **APPAREIL DE MANIPULATION SECURITAIRE DE VANNE DESTINE A UNE INSTALLATION DE FORAGE**
[72] WRIGHT, ADAM, CA
[72] KUSLER, DANIEL HARVARD, CA
[71] PROSTAR MANUFACTURING INC., CA
[22] 2016-12-15
[41] 2017-08-18
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[51] **Int.Cl. F01D 25/18 (2006.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **CIRCUMFERENTIAL LUBRICANT SCOOP**
[54] **BOUCLE DE LUBRIFIANT CIRCONFERENTIELLE**
[72] SCHWENDENMANN, ANDREW, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2016-12-15
[41] 2017-08-16
[30] US (15/044,366) 2016-02-16

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[51] **Int.Cl. G01M 11/00 (2006.01) B64F 5/60 (2017.01) G02B 17/00 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **OPTICAL MONITORING SYSTEM AND METHOD FOR IMAGING A COMPONENT UNDER TEST**
[54] **SYSTEME DE SURVEILLANCE OPTIQUE ET METHODE D'IMAGERIE D'UN COMPOSANT EN COURS D'ESSAI**
[72] GROSSNICKLE, JAMES A., US
[72] MCCRARY, KEVIN EARL, US
[72] MOSEN, GREGORY R., US
[71] THE BOEING COMPANY, US
[22] 2017-01-06
[41] 2017-08-18
[30] US (15/046513) 2016-02-18

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[13] A1
[51] **Int.Cl. E21B 10/14 (2006.01) E21B 10/08 (2006.01) E21B 10/18 (2006.01)**
[25] EN
[54] **HYBRID ROLLER CONE AND JUNK MILL BIT**
[54] **HYBRIDE DE TREPAN A MOLETTES ET DE FRAISE A FERRAILLES**
[72] HOWARD, JOHNATHAN WALTER, US
[72] STROEVER, MATTHEW CHARLES, US
[72] ROBINSON, STERLING, US
[71] VAREL INTERNATIONAL IND., L.P., US
[22] 2017-01-09
[41] 2017-08-16
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[51] **Int.Cl. F21V 29/70 (2015.01) F21V 29/71 (2015.01) F21V 29/74 (2015.01) F21K 9/00 (2016.01) F21V 23/00 (2015.01)**
[25] EN
[54] **LIGHT PANEL FOR A LUMINAIRE**
[54] **PANNEAU DE LUMIERE DESTINE A UN LUMINAIRE**
[72] DAHLEN, KEVIN, US
[72] HEIKING, NATHAN DANIEL, US
[72] SALAS, FILEMON, US
[71] KENALL MANUFACTURING COMPANY, US
[22] 2017-01-10
[41] 2017-08-17
[30] US (15/045827) 2016-02-17

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[51] **Int.Cl. G08C 17/02 (2006.01) H04W 84/18 (2009.01) H04B 17/318 (2015.01) G08B 21/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF LOCATION BASED AWARENESS OF LIFE SAFETY SENSORS**
[54] **SYSTEMES ET METHODE DE SENSIBILISATION PAR LOCALISATION DES CAPTEURS DE SECURITE DES PERSONNES**
[72] YANG, BIN, US
[72] ZHAO, XIAOGUANG, US
[72] JIANG, HONGYE, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-11
[41] 2017-08-16
[30] US (15/044,417) 2016-02-16

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[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01) G06K 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF PREVENTING ACCESS TO USERS OF AN ACCESS CONTROL SYSTEM**
[54] **SYSTEMES ET METHODES PERMETTANT DE BLOQUER L'ACCES AUX UTILISATEURS D'UN SYSTEME DE CONTROLE D'ACCES**
[72] ZHAO, LIUGANG, US
[72] ZHANG, HONGSHAN, US
[72] ZHU, BINBIN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-11
[41] 2017-08-16
[30] US (15/044,611) 2016-02-16

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[51] **Int.Cl. G08B 13/194 (2006.01) G07C 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF ACCESS CONTROL IN SECURITY SYSTEMS WITH AUGMENTED REALITY**
[54] **SYSTEMES ET METHODES DE CONTROLE D'ACCES AUX SYSTEMES DE SECURITE A REALITE AUGMENTEE**
[72] HOSEY, MARK, US
[72] D'AGOSTINO, PAUL, US
[72] OSBORNE, KENNETH, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-11
[41] 2017-08-16
[30] US (15/044,818) 2016-02-16

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[51] **Int.Cl. H01M 10/12 (2006.01)**
[25] EN
[54] **METHOD OF MAKING A COVER FOR THE POSITIVE PLATE FOR ACID BATTERIES AND THE COVER FOR THE POSITIVE PLATE FOR ACID BATTERIES**
[54] **METHODE DE FABRICATION DE REVETEMENT DE PLAQUE POSITIVE DESTINEE A DES BATTERIES A L'ACIDE ET LE REVETEMENT DE PLAQUE POSITIVE DE BATTERIES A L'ACIDE**
[72] BINDA, WLADYSLAW, PL
[71] BINDA, WLADYSLAW, PL
[22] 2017-01-18
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[30] PL (P.416127) 2016-02-13

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[51] **Int.Cl. A47G 1/20 (2006.01)**
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[54] **PICTURE FRAME HANGER**
[54] **CROCHET DE CADRE PHOTO**
[72] DAVIES, LAURENCE, CA
[71] DAVIES, LAURENCE, CA
[22] 2017-01-13
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[30] US (15048648) 2016-02-19

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[51] **Int.Cl. F03D 9/45 (2016.01)**
[25] EN
[54] **INTERNAL MOUNTED CYLINDRICAL TURBINE FOR ELECTRICITY GENERATION USING EXTERIOR FLUSH AND SCOOP INTAKES**
[54] **TURBINE CYLINDRIQUE INSTALLEE DE MANIERE INTERNE DESTINEE A LA PRODUCTION D'ELECTRICITE EMPLOYANT LES ENTREES EXTERIEURES D'ORIFICE NOYE**
[72] COFFMAN, MATHEW A., US
[71] THE BOEING COMPANY, US
[22] 2017-01-13
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[51] **Int.Cl. C22C 19/05 (2006.01)**
[25] EN
[54] **NI-BASED SUPERALLOY FOR HOT FORGING**
[54] **SUPERALLIAGE A BASE DE NI DESTINE AU FORGEAGE A CHAUD**
[72] OSAKI, MOTOTSUGU, JP
[72] UETA, SHIGEKI, JP
[72] IZUMI, KOHKI, JP
[71] DAIDO STEEL CO., LTD., JP
[22] 2017-01-18
[41] 2017-08-18
[30] JP (2016-029374) 2016-02-18

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[51] **Int.Cl. C22C 19/05 (2006.01) B21J 1/00 (2006.01)**
[25] EN
[54] **NI-BASED SUPERALLOY FOR HOT FORGING**
[54] **SUPERALLIAGE A BASE DE NI DESTINE AU FORGEAGE A CHAUD**
[72] OSAKI, MOTOTSUGU, JP
[72] UETA, SHIGEKI, JP
[72] IZUMI, KOHKI, JP
[71] DAIDO STEEL CO., LTD., JP
[22] 2017-01-18
[41] 2017-08-18
[30] JP (2016-029375) 2016-02-18

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[51] **Int.Cl. H01L 21/66 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF A SEMICONDUCTEUR**
[72] ONO, YOSHIHIRO, JP
[72] SAKATA, KENJI, JP
[71] RENESAS ELECTRONICS CORPORATION, JP
[22] 2017-01-16
[41] 2017-08-19
[30] JP (2016-029652) 2016-02-19

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[13] A1
[51] **Int.Cl. B25J 18/00 (2006.01) B25J 9/00 (2006.01)**
[25] EN
[54] **MULTI-AXIAL INDUSTRIAL ROBOT**
[54] **ROBOT INDUSTRIEL MULTI AXIAL**
[72] BORDEGNONI, STEFANO, IT
[72] CINIELLO, FRANCESCO, IT
[71] COMAU S.P.A., IT
[22] 2017-01-18
[41] 2017-08-19
[30] IT (102016000017193) 2016-02-19

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[13] A1
[51] **Int.Cl. B60B 35/02 (2006.01) B60B 35/00 (2006.01)**
[25] EN
[54] **AXLE ASSEMBLY**
[54] **ASSEMBLAGE D'ESSIEU**
[72] SMITH, SHAWN R., US
[72] SMITH, HARLAN B., US
[71] ENTRO INDUSTRIES, INC., US
[22] 2017-01-20
[41] 2017-08-17
[30] US (15/045,830) 2016-02-17

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[13] A1
[51] **Int.Cl. B60B 35/04 (2006.01)**
[25] EN
[54] **ARTICULATING MULTI-AXLE ASSEMBLY**
[54] **ASSEMBLAGE MULTI ESSIEU ARTICULE**
[72] SMITH, SHAWN R., US
[72] SMITH, HARLAN B., US
[71] ENTRO INDUSTRIES, INC., US
[22] 2017-01-20
[41] 2017-08-17
[30] US (15/045,983) 2016-02-17

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1310416**
[54] **CULTIVAR DE SOYA AR1310416**
[72] MCCLURE, DONALD BRUCE, US
[72] LEE, DAVID SCOTT, US
[72] LINDENBAUM, KURT MILAN, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-01-20
[41] 2017-08-18
[30] US (15/046,607) 2016-02-18

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[13] A1
[51] **Int.Cl. B60B 35/02 (2006.01)**
[25] EN
[54] **REMOVABLE AXLE ASSEMBLY**
[54] **ASSEMBLAGE D'ESSIEU AMOVIBLE**
[72] SMITH, SHAWN R., US
[72] SMITH, HARLAN B., US
[71] ENTRO INDUSTRIES, INC., US
[22] 2017-01-20
[41] 2017-08-17
[30] US (15/045,911) 2016-02-17

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[13] A1
[51] **Int.Cl. F16H 1/48 (2006.01) F16H 57/028 (2012.01) F16H 57/08 (2006.01)**
[25] EN
[54] **PLANETARY GEAR MECHANISM AND TRANSMISSION**
[54] **MECANISME D'ENGRENAGE PLANETAIRE ET TRANSMISSION**
[72] KOBAYASHI, HEISUKE, JP
[72] KAWAI, NORIKAZU, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-01-26
[41] 2017-08-18
[30] JP (2016-028612) 2016-02-18

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[13] A1
[51] **Int.Cl. B65F 1/04 (2006.01) A47F 9/02 (2006.01) B65F 1/14 (2006.01)**
[25] EN
[54] **WASTE COLLECTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE COLLECTE DE DECHETS**
[72] BACALLAO, YURGIS MAURO, US
[72] CAUTION, STEPHEN TYLER, US
[71] WAL-MART STORES, INC., US
[22] 2017-01-27
[41] 2017-08-16
[30] US (62/295,866) 2016-02-16

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[13] A1
[51] **Int.Cl. A47C 16/02 (2006.01) A47B 21/00 (2006.01) A47C 7/50 (2006.01) A47G 27/02 (2006.01)**
[25] EN
[54] **ERGONOMIC-DEVICE SUPPORT ASSEMBLY FOR ERGONOMIC DEVICE**
[54] **ASSEMBLAGE DE SUPPORT D'APPAREIL ERGONOMIQUE DESTINE A UN APPAREIL ERGONOMIQUE**
[72] KIPLING, CRAIG G., CA
[71] KIPLING, CRAIG G., CA
[22] 2017-02-02
[41] 2017-08-18
[30] US (15/046,790) 2016-02-18

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[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/18 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **COMPONENT COOLING FOR A GAS TURBINE ENGINE**
[54] **REFROIDISSEMENT DE COMPOSANT DE TURBINE A GAZ**
[72] BUNKER, RONALD SCOTT, US
[72] BAILEY, JEREMY CLYDE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-13
[30] US (15/043,511) 2016-02-13

[21] **2,956,909**
[13] A1
[51] **Int.Cl. B64C 5/02 (2006.01) B64D 27/02 (2006.01) B64D 27/26 (2006.01)**
[25] EN
[54] **AIRCRAFT AND EMPENNAGE SECTION OF AN AIRCRAFT**
[54] **AERONEF ET SECTION D'EMPENNAGE D'UN AERONEF**
[72] GLOVER, JEFFREY, US
[72] STUART, ALAN ROY, US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[71] MRA SYSTEMS, INC., US
[22] 2017-02-02
[41] 2017-08-13
[30] US (15/043,514) 2016-02-13

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **AIRFOIL FOR A GAS TURBINE ENGINE**
[54] **PROFIL DYNAMIQUE DESTINE A UNE TURBINE A GAZ**
[72] BUNKER, RONALD SCOTT, US
[72] BRIGGS, ROBERT DAVID, US
[72] ALLEN, JASON RANDOLPH, US
[72] FELDMANN, KEVIN ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-13
[30] US (15/043,513) 2016-02-13

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[13] A1
[51] **Int.Cl. G01M 15/14 (2006.01) B64F 5/60 (2017.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01) G02B 23/24 (2006.01)**
[25] EN
[54] **OPTICAL APPARATUS AND SIGHT TUBE FOR INSPECTING TURBINE ENGINE COMPONENTS**
[54] **APPAREIL OPTIQUE ET TUBE DE VISEUR SERVANT A L'INSPECTION DE COMPOSANTS DE TURBINE**
[72] SAKAMI, MOHAMED, US
[72] NIRMALAN, NIRM VELUMYLUM, US
[72] BAILEY, JEREMY CLYDE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-13
[30] US (15/043,508) 2016-02-13

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[13] A1
[51] **Int.Cl. F16H 57/02 (2012.01) F16H 57/021 (2012.01) F16H 57/08 (2006.01)**
[25] EN
[54] **TRANSMISSION**
[54] **TRANSMISSION**
[72] KOBAYASHI, HEISUKE, JP
[72] KAWAI, NORIKAZU, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-01
[41] 2017-08-18
[30] JP (2016-028614) 2016-02-18

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **IMPINGEMENT HOLES FOR A TURBINE ENGINE COMPONENT**
[54] **TROUS D'IMPACTEUR DE COMPOSANT DE TURBINE**
[72] BUNKER, RONALD SCOTT, US
[72] ALLEN, JASON RANDOLPH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-13
[30] US (15/043,512) 2016-02-13

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 9/02 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **AIRFOIL HAVING IMPINGEMENT OPENINGS**
[54] **PROFIL DYNAMIQUE COMPORTANT DES OUVERTURES D'IMPACTEUR**
[72] BUNKER, RONALD SCOTT, US
[72] BRIGGS, ROBERT DAVID, US
[72] STONE, TIMOTHY DERYCK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-16
[30] US (15/044,697) 2016-02-16

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[13] A1
[51] **Int.Cl. B64F 5/40 (2017.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **VISUALIZATION OF AGGREGATED MAINTENANCE DATA FOR AIRCRAFT RELIABILITY PROGRAM**
[54] **VISUALISATION DE DONNEES D'ENTRETIEN AGREGEES DESTINEES A UN PROGRAMME DE FIABILITE D'AERONEF**
[72] VALI, NEAL, US
[72] GILLENWATER, KENT, US
[72] MATTINGLY, WILLIAM, US
[72] WILSON, JAMES, US
[71] TALERIS GLOBAL LLP, GB
[22] 2017-02-02
[41] 2017-08-16
[30] US (15/044,257) 2016-02-16

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[13] A1
[51] **Int.Cl. G01M 15/14 (2006.01) G01M 15/02 (2006.01)**
[25] EN
[54] **AUTOMATED SYSTEM AND METHOD FOR GENERATING ENGINE TEST CELL ANALYTICS AND DIAGNOSTICS**
[54] **SYSTEME AUTOMATISE ET METHODE DE PRODUCTION D'ANALYSES ET DE DIAGNOSTICS DE CELLULE D'ESSAI DE MOTEUR**
[72] DEMARCO, SUSAN MICHELLE, US
[72] ABERNATHY, CHARLES LARRY, US
[72] KRAMER, BRETT STEPHEN, US
[72] LEVIN, STEVEN RICHARD, US
[72] DUMM, BERNARD W., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-15
[30] US (15/043,655) 2016-02-15

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 9/02 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **ACCELERATOR INSERT FOR A GAS TURBINE ENGINE AIRFOIL**
[54] **INSERTION D'ACCELERATEUR DESTINEE A UN PROFIL DYNAMIQUE DE TURBINE A GAZ**
[72] BRIGGS, ROBERT DAVID, US
[72] PEARSON, SHAWN MICHAEL, US
[72] KEMP, ANDREW DAVID, US
[72] BRAINCH, GULCHARAN SINGH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-15
[30] US (15/043,900) 2016-02-15

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[13] A1
[51] **Int.Cl. B60J 1/00 (2006.01) B60J 1/20 (2006.01) B60K 35/00 (2006.01) B60R 11/04 (2006.01)**
[25] EN
[54] **ACTIVE WINDOW FOR VEHICLE INFOMATICS AND VIRTUAL REALITY**
[54] **FENETRE ACTIVE DE DONNEES INFORMATIQUES ET DE REALITE VIRTUELLE DE VEHICULE**
[72] CANDELORE, BRANT, US
[71] SONY CORPORATION, JP
[22] 2017-02-02
[41] 2017-08-18
[30] US (15/046,804) 2016-02-18

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[13] A1
[51] **Int.Cl. F02M 25/12 (2006.01) C25B 1/04 (2006.01) C25B 15/02 (2006.01) F02D 19/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SCALABLE, HIGH VOLUME ACCELERANT GAS (AG) GENERATION FOR HIGH CAPACITY INTERNAL COMBUSTION ENGINES (ICE)**
[54] **METHODE ET APPAREIL DE PRODUCTION DE GAZ ACCELERANT A GRAND VOLUME ET MODULABLE DESTINE A DES MOTEURS A COMBUSTION INTERNE HAUTE CAPACITE**
[72] UNKNOWN, ZZ
[71] TJELTA, SVEN O., CA
[22] 2017-02-06
[41] 2017-08-16
[30] US (62295961) 2016-02-16

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[13] A1
[51] **Int.Cl. H01H 71/04 (2006.01) H01H 83/02 (2006.01)**
[25] EN
[54] **CIRCUIT INTERRUPTER WITH AUDIBLE INDICATOR CIRCUIT**
[54] **INTERRUPTEUR DE CIRCUIT A CIRCUIT INDICATEUR AUDIBLE**
[72] GOUHL, ERIK JEFFEREY, US
[72] SALAS, LUIS F., US
[72] KUMAR, PRAMOD, US
[71] EATON CORPORATION, US
[22] 2017-02-03
[41] 2017-08-18
[30] US (15/047,097) 2016-02-18

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[51] **Int.Cl. C08L 101/12 (2006.01) B33Y 10/00 (2015.01) B33Y 70/00 (2015.01) C08J 3/20 (2006.01) C08K 3/04 (2006.01) C08K 3/08 (2006.01) C08K 7/00 (2006.01)**
[25] EN
[54] **CONDUCTIVE POLYMER COMPOSITE**
[54] **COMPOSITE POLYMERE CONDUCTEUR**
[72] PRESTAYKO, RACHEL, CA
[72] VELLA, SARAH J., CA
[72] MOORLAG, CAROLYN, CA
[72] KEOSHKERIAN, BARKEV, CA
[71] XEROX CORPORATION, US
[22] 2017-02-03
[41] 2017-08-16
[30] US (15/044456) 2016-02-16

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[13] A1
[51] **Int.Cl. A47G 29/00 (2006.01) A47B 55/02 (2006.01) A47F 5/08 (2006.01) A47G 29/02 (2006.01) B25H 3/00 (2006.01) F16B 5/12 (2006.01)**
[25] EN
[54] **WALL MOUNTABLE OBJECT SUPPORT SYSTEM AND RELATED ACCESSORIES**
[54] **SYSTEME DE SUPPORT D'OBJET INSTALLABLE SUR UN MUR ET ACCESSOIRES ASSOCIES**
[72] WILL, GARY E., US
[72] GRICE, BYRON K., US
[72] SCHMIDT, MICHAEL J., US
[72] MAYVILLE, WAYNE R., US
[71] THE HILLMAN GROUP, INC., US
[22] 2017-02-06
[41] 2017-08-15
[30] US (62/295,257) 2016-02-15
[30] US (62/337,366) 2016-05-17

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[13] A1
[51] **Int.Cl. B64D 35/00 (2006.01) B64C 27/12 (2006.01) B64D 31/00 (2006.01)**
[25] EN
[54] **DISPOSITIF ET METHODE DE COMMANDE D'UN EMBRAYAGE ENTRE LE MOTEUR ET LA BOITE DE TRANSMISSION PRINCIPALE DE PUISSANCE D'UN AERONEF**
[54] **DEVICE AND METHOD OF CONTROL OF A CLUTCH BETWEEN THE ENGINE AND THE MAIN TRANSMISSION OF AN AIRCRAFT**
[72] DUMUR, GUILLAUME, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2017-02-06
[41] 2017-08-18
[30] FR (1600268) 2016-02-18

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[13] A1
[51] **Int.Cl. G02B 27/09 (2006.01) H01S 5/40 (2006.01)**
[25] EN
[54] **DEVICE FOR SHAPING LASER RADIATION**
[54] **DISPOSITIF DE FORMAGE D'UN RAYONNEMENT LASER**
[72] BAGSCHIK, KLAUS, DE
[71] LIMO PATENTVERWALTUNG GMBH & CO. KG, DE
[22] 2017-02-08
[41] 2017-08-15
[30] DE (102016102591.7) 2016-02-15

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[13] A1
[51] **Int.Cl. B29C 35/12 (2006.01) B28B 1/30 (2006.01) B28B 11/24 (2006.01) C04B 35/64 (2006.01) H05B 3/18 (2006.01)**
[25] EN
[54] **INTEGRATED CONDUCTIVE FOAM CORE FOR COMPOSITE PROCESSING**
[54] **AME DE MOUSSE CONDUCTRICE INTEGREE DESTINEE AU TRAITEMENT DE COMPOSITE**
[72] SELLINGER, AARON TODD, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-15
[30] US (15/043,651) 2016-02-15

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[13] A1
[51] **Int.Cl. B29C 47/82 (2006.01)**
[25] EN
[54] **THERMOREGULATION SYSTEM OF ROTATING METAL CYLINDERS IN PLANTS FOR THE EXTRUSION AND CONVERSION/TRANSFORMATION OF PLASTIC FILMS BY MEANS OF INFRARED HEATERS**
[54] **SYSTEME DE THERMOREGULATION DE CYLINDRES METALLIQUES ROTATIFS DANS LES INSTALLATIONS DESTINEES A L'EXTRUSION ET LA CONVERSION-TRANSFORMATION DE PELLICULES PLASTIQUES AU MOYEN D'APPAREILS DE CHAUFFAGE A INFRAROUGE**
[72] LOMBARDINI, NICOLA, IT
[71] COLINES S.P.A., IT
[22] 2017-02-09
[41] 2017-08-16
[30] IT (102016000015563) 2016-02-16

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[51] **Int.Cl. B60D 5/00 (2006.01) B61D 17/22 (2006.01) B62D 31/02 (2006.01) H02G 11/00 (2006.01)**
[25] EN
[54] **MIDDLE HOOP SYSTEM FOR AN ARTICULATED VEHICLE**
[54] **SYSTEME DE BOUCLE CENTRALE DESTINE A UN VEHICULE ARTICULE**
[72] BROWNE, DENIS, DE
[71] ATG AUTOTECHNIK GMBH, DE
[22] 2017-02-09
[41] 2017-08-18
[30] EP (16156369.7) 2016-02-18

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[13] A1
[51] **Int.Cl. B23P 6/04 (2006.01) B23P 6/00 (2006.01) F01D 5/14 (2006.01) F01D 25/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IN SITU REPAIR OF TURBINE BLADES OF GAS TURBINE ENGINES**
[54] **SYSTEME ET METHODE DE REPARATION SUR PLACE D'AUBES DE TURBINE D'UNE TURBINE A GAZ**
[72] ROBERTS, HERBERT CHIDSEY, US
[72] DIWINSKY, DAVID SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-17
[30] US (15/045,812) 2016-02-17

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[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) G06F 13/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FLEXIBLE ACCESS OF INTERNAL DATA OF AN AVIONICS SYSTEM**
[54] **SYSTEMES ET METHODES D'ACCES FLEXIBLE AUX DONNEES INTERNES D'UN SYSTEME D'AVIONIQUE**
[72] HOCHWARTH, JOACHIM KARL ULF, US
[72] BRACE, TERRELL MICHAEL, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-02-09
[41] 2017-08-18
[30] US (62/296,615) 2016-02-18
[30] US (15/210,923) 2016-07-15

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) B64F 5/00 (2017.01) G06F 15/18 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **INTERRELATION OF MULTIPLE DATA STREAMS**
[54] **INTERRELATION DE PLUSIEURS FLUX DE DONNEES**
[72] VALI, NEAL, US
[72] BAVINENI, BHARATA, US
[72] GILLENWATER, KENT JAMES, US
[72] MATTINGLY, WILLIAM DAVID, US
[71] TALERIS GLOBAL LLP, GB
[22] 2017-02-09
[41] 2017-08-16
[30] US (15/044,249) 2016-02-16

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[13] A1
[51] **Int.Cl. C23C 26/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SIMULTANEOUSLY DEPOSITING MULTIPLE COATINGS ON A TURBINE BLADE OF A GAS TURBINE ENGINE**
[54] **SYSTEME ET METHODE DE DEPOT SIMULTANE DE PLUSIEURS COUCHES SUR UNE AUBE DE TURBINE D'UNE TURBINE A GAZ**
[72] GUPTA, BHUPENDRA KUMAR, US
[72] TAN, BOON HING, SG
[72] XIE, LIANGDE, US
[72] BRADEN, TAMARA, SG
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-18
[30] US (15/046,716) 2016-02-18

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[13] A1
[51] **Int.Cl. F01D 25/24 (2006.01) B32B 3/12 (2006.01) B32B 5/02 (2006.01) F01D 9/02 (2006.01) F01D 21/14 (2006.01) F02C 7/04 (2006.01)**
[25] EN
[54] **CONTAINMENT CASE TRENCH FILLER LAYER AND METHOD OF CONTAINING RELEASABLE COMPONENTS FROM ROTATABLE MACHINES**
[54] **COUCHE DE REMPLISSAGE DE TRANCHEE DE CAISSON DE CONFINEMENT ET METHODE DE CONFINEMENT DE COMPOSANTS LIBERABLES DE MACHINES ROTATIVES**
[72] KRAY, NICHOLAS JOSEPH, US
[72] WARD, DOUGLAS DUANE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-15
[30] US (15/043,881) 2016-02-15

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[13] A1
[51] **Int.Cl. G01N 23/04 (2006.01) H02J 50/10 (2016.01) H01F 38/18 (2006.01)**
[25] EN
[54] **LINE-FREQUENCY ROTARY TRANSFORMER FOR COMPUTED TOMOGRAPHY GANTRY**
[54] **TRANSFORMATEUR ROTATIF DE FREQUENCE DE SECTEUR DESTINE A UN PORTIQUE DE TOMOGRAPHIE INFORMATISE**
[72] MAGNUSON, ERIK E., US
[72] GARZON, PEDRO ANDRES, US
[72] BASU, SAMIT KUMAR, US
[71] MORPHO DETECTION, LLC, US
[22] 2017-02-09
[41] 2017-08-15
[30] US (15/044,002) 2016-02-15

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[13] A1
[51] **Int.Cl. H01R 39/08 (2006.01) A61B 6/03 (2006.01) H01R 39/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPLEMENTING AN ELECTRICAL ROTARY JOINT IN A LARGE-DIAMETER SYSTEM USING SMALL-DIAMETER CAPSULE SLIP RINGS**
[54] **SYSTEMES ET METHODES DE MISE EN PLACE DE JOINT ROTATIF ELECTRIQUE DANS UN SYSTEME A GRAND DIAMETRE AU MOYEN DE BAGUES COLLECTRICES A CAPSULE DE PETIT DIAMETRE**
[72] MOORE, JARED WILLIAM, US
[72] HILLS, STEVEN LESLIE, US
[71] MORPHO DETECTION, LLC, US
[22] 2017-02-09
[41] 2017-08-17
[30] US (15/046,151) 2016-02-17

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[13] A1
[51] **Int.Cl. G01N 23/04 (2006.01) A61B 6/03 (2006.01)**
[25] EN
[54] **DETECTOR ASSEMBLIES AND METHODS FOR HELICAL CT SCANNING**
[54] **ASSEMBLAGES DE DETECTEURS ET METHODES D'IMAGERIE PAR TOMODENSITOMETRIE HELICOIDALE**
[72] BASU, SAMIT KUMAR, US
[72] OH, SEUNGSEOK, US
[72] GARZON, PEDRO ANDRES, US
[71] MORPHO DETECTION, LLC, US
[22] 2017-02-09
[41] 2017-08-19
[30] US (15/048,130) 2016-02-19

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[13] A1
[51] **Int.Cl. C23C 10/04 (2006.01) B23P 6/00 (2006.01) C23C 10/08 (2006.01) C23C 10/32 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REJUVENATING COATED COMPONENTS OF GAS TURBINE ENGINES**
[54] **SYSTEME ET METHODE DE REVITALISATION DE COMPOSANTES REVETUES DES TURBINES A GAZ**
[72] GUPTA, BHUPENDRA KUMAR, US
[72] ROSENZWEIG, MARK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-18
[30] US (15/046,730) 2016-02-18

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[13] A1
[51] **Int.Cl. F02C 7/12 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MODULATED TURBINE COOLING AS A FUNCTION OF ENGINE HEALTH**
[54] **METHODE ET SYSTEME DE REFROIDISSEMENT DE TURBINE MODULE EN FONCTION DE L'ETAT FONCTIONNEL D'UN MOTEUR**
[72] ADIBHATLA, SRIDHAR, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-16
[30] US (15/044,475) 2016-02-16

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 9/02 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **AIRFOIL HAVING CROSSOVER HOLES**
[54] **SURFACE PORTANTE COMPORTANT DES TROUS TRANSVERSAUX**
[72] BUNKER, RONALD SCOTT, US
[72] BRIGGS, ROBERT DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-16
[30] US (15/044,775) 2016-02-16

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[13] A1
[51] **Int.Cl. B29C 53/08 (2006.01) B29C 35/08 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR INDUCTION HEATING AND BENDING OF THERMOPLASTIC COMPOSITE TUBES AND A METHOD FOR USING SAME**
[54] **UN APPAREIL DE CHAUFFAGE PAR INDUCTION ET DE PLIAGE DE TUBES EN COMPOSITE THERMOPLASTIQUE ET UNE METHODE D'UTILISATION ASSOCIEE**
[72] LIN, WENDY WIN-LING, US
[72] REESE, GARY SCOTT, US
[72] RAMINOSOA, TSARAFIDY, US
[72] HAWES, NATHANIEL BENEDICT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-19
[30] US (15/047,993) 2016-02-19

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[13] A1
[51] **Int.Cl. B08B 3/02 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **AUXILIARY CLEANING SYSTEM FOR GAS TURBINE ENGINES**
[54] **SYSTEME DE NETTOYAGE AUXILIAIRE DE TURBINES A GAZ**
[72] DIWINSKY, DAVID SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-09
[41] 2017-08-19
[30] US (15/047,737) 2016-02-19

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[13] A1
[51] **Int.Cl. G01C 25/00 (2006.01)**
[25] EN
[54] **AIRCRAFT NAVIGATION PERFORMANCE PREDICTION SYSTEM**
[54] **SYSTEME DE PREDICTION DU RENDEMENT DE NAVIGATION D'UN AERONEF**
[72] STARK, GREGORY ALAN, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-02-09
[41] 2017-08-17
[30] US (15/045,510) 2016-02-17

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[13] A1
[51] **Int.Cl. E21B 7/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **ADAPTIVE LEVELING CONTROL SYSTEM**
[54] **DISPOSITIF DE COMMANDE DE NIVELLEMENT ADAPTATIF**
[72] ALLEN, CHARLES, US
[72] KUIPER, ERIC, US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-02-10
[41] 2017-08-15
[30] US (62/295,319) 2016-02-15

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[13] A1
[51] **Int.Cl. E02F 3/36 (2006.01) E02F 3/30 (2006.01) E02F 3/38 (2006.01)**
[25] EN
[54] **DIPPER HANDLE CROSS MEMBER**
[54] **ELEMENT TRANSVERSAL DE POIGNEE DE GODET**
[72] STALKER, GLENN H., US
[71] HARNISCHFEGER TECHNOLOGIES, INC., US
[22] 2017-02-10
[41] 2017-08-15
[30] US (62/295,266) 2016-02-15

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[13] A1
[51] **Int.Cl. B65D 81/34 (2006.01) B65D 5/42 (2006.01)**
[25] EN
[54] **DISPOSABLE BOX FOR COOKING AND TRANSPORTING A PREPARED FOOD PRODUCT, AND NOTABLY A PIZZA**
[54] **BOITE JETABLE DESTINEE A LA CUISSON ET AU TRANSPORT D'ALIMENTS PREPARES, ET NOTAMMENT UNE PIZZA**
[72] LORILLARD, LUDOVIC, FR
[71] ADIAL, FR
[22] 2017-02-08
[41] 2017-08-18
[30] FR (16 51 330) 2016-02-18

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[13] A1
[51] **Int.Cl. B65D 65/38 (2006.01)**
[25] EN
[54] **PRECISION SCORED WRAPPER FOR IN HOME USE**
[54] **EMBALLEUR A MARQUAGE DE PRECISION DESTINE A UN USAGE DOMESTIQUE**
[72] HUFFER, SCOTT WILLIAM, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2017-02-09
[41] 2017-08-15
[30] US (15/076,744) 2016-03-22

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[13] A1
[51] **Int.Cl. F16K 35/00 (2006.01)**
[25] EN
[54] **VALVE WITH LOCKING SLIDE**
[54] **VANNE A GLISSIERE BLOQUANTE**
[72] FRISCHE-MOURI, PAUL, US
[72] BOBO, DAVID A., US
[72] KRAZIT, MATTHEW, US
[72] KAMBLE, GIRISH, IN
[71] NIBCO, INC., US
[22] 2017-02-08
[41] 2017-08-18
[30] US (15/046,615) 2016-02-18

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[13] A1
[51] **Int.Cl. H04W 88/08 (2009.01)**
[25] EN
[54] **CELLULAR NETWORK BASE STATION**
[54] **STATION DE BASE DE RESEAU CELLULAIRE**
[72] KEMPPAINEN, JUKKA, FI
[71] EXFO OY, FI
[22] 2017-02-08
[41] 2017-08-16
[30] EP (16155797.0) 2016-02-16

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[13] A1
[51] **Int.Cl. H01M 8/16 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO FORM BIOCOMPATIBLE ENERGIZATION ELEMENTS INCORPORATING FUEL CELLS FOR BIOMEDICAL DEVICES**
[54] **METHODES ET APPAREIL SERVANT A FORMER DES ELEMENTS D'ENERGISATION BIOCOMPATIBLES INCORPORANT DES PILES A COMBUSTIBLE DESTINEES A DES DISPOSITIFS BIOMEDICAUX**
[72] PUGH, RANDALL B., US
[72] SNOOK, SHARIKA, US
[72] FLITSCH, FREDERICK A., US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-02-10
[41] 2017-08-18
[30] US (15/047,009) 2016-02-18

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[13] A1
[51] **Int.Cl. E03C 1/10 (2006.01) E03D 9/00 (2006.01) F16K 24/02 (2006.01)**
[25] EN
[54] **PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION**
[72] BARTENSTEIN, PAUL, DE
[72] TALONPOIKA, ISMO, FI
[71] UPONOR INNOVATION AB, SE
[22] 2017-02-09
[41] 2017-08-18
[30] DE (202016100854.9) 2016-02-18

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[51] **Int.Cl. E03C 1/02 (2006.01)**
[25] EN
[54] **FLUSHING STATION FOR A RING-PIPE OR SERIES-PIPE SYSTEM, RING-PIPE SYSTEM AS WELL AS SERIES-PIPE SYSTEM**
[54] **POSTE DE RINCAGE DE SYSTEME DE TUYAUX EN ANNEAU OU DE TUYAUX EN SERIE, SYSTEME DE TUYAUX EN ANNEAU ET SYSTEME DE TUYAUX EN SERIE**
[72] BARTENSTEIN, PAUL, DE
[71] UPONOR INNOVATION AB, SE
[22] 2017-02-09
[41] 2017-08-18
[30] DE (202016100853.0) 2016-02-18

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE TRAILING EDGE EJECTION HOLES**
[54] **TROUS D'EJECTION DE BORD DE TRAINEE DE TURBINE A GAZ**
[72] KONITZER, DOUGLAS GERARD, US
[72] KRUMANAKER, MATTHEW LEE, US
[72] DOOLEY, WESTON NOLAN, US
[72] DEINES, JAMES HERBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-13
[41] 2017-08-15
[30] US (15/043,933) 2016-02-15

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[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/06 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRIORITIZING SERVICE SET IDENTIFIERS ON A WIRELESS ACCESS POINT**
[54] **SYSTEMES ET METHODES DE PRIORISATION D'IDENTIFIANTS D'ENSEMBLE DE SERVICES SUR UN POINT D'ACCES SANS FIL**
[72] ONG, IVAN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-02-09
[41] 2017-08-15
[30] US (15/043,820) 2016-02-15

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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/00 (2012.01) E21B 47/008 (2012.01)**
[25] EN
[54] **DOWNHOLE SENSOR SYSTEM FOR STEAM BREAKTHROUGH DETECTION**
[54] **SYSTEME DE CAPTEUR DE FOND DE TROU DESTINE A LA DETECTION DE PERCEE DE VAPEUR**
[72] PART, DARREN, CA
[72] FOUILLARD, PHIL, CA
[72] UGRICIC, DANIEL, CA
[71] OILFIELD EQUIPMENT DEVELOPMENT CENTER LIMITED, SC
[22] 2017-02-13
[41] 2017-08-17
[30] US (62/296,454) 2016-02-17
[30] US (15/428,579) 2017-02-09

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[13] A1
[51] **Int.Cl. F16J 15/16 (2006.01) F16J 15/26 (2006.01) F16J 15/34 (2006.01)**
[25] EN
[54] **CERAMIC SEAL RUNNER AND MOUNT FOR A ROTATING SHAFT**
[54] **PATIN DE JOINT EN CERAMIQUE ET DISPOSITIF D'INSTALLATION DESTINE A UN ARBRE ROTATIF**
[72] FADGEN, DANIEL, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-02-13
[41] 2017-08-16
[30] US (15/425,174) 2017-02-06
[30] US (62/295,938) 2016-02-16

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[51] **Int.Cl. F16J 15/34 (2006.01) F16J 15/3224 (2016.01) F02C 7/28 (2006.01)**
[25] EN
[54] **CERAMIC SEAL RUNNER SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT DE PATIN DE JOINT EN CERAMIQUE**
[72] BURNSIDE, PHILLIP HOWARD, US
[72] MUNSON, JOHN, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-02-13
[41] 2017-08-16
[30] US (15/426,281) 2017-02-07
[30] US (62/295,944) 2016-02-16

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[13] A1
[51] **Int.Cl. F17C 5/04 (2006.01) F25J 1/02 (2006.01)**
[25] FR
[54] **METHOD TO AVOID INSTANT EVAPORATION OF LIQUEFIED NATURAL GAS DURING TRANSPORT**
[54] **METHODE POUR EVITER L'EVAPORATION INSTANTANEE DE GAZ NATUREL LIQUEFIE EN COURS DE TRANSPORT**
[72] CHAMBRON, NICOLAS, FR
[72] JOLY, LOIC, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[22] 2017-02-10
[41] 2017-08-18
[30] FR (16 51 331) 2016-02-18

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[13] A1
[51] **Int.Cl. E21B 43/14 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF RECOVERING MIGRATED HYDROCARBONS FROM BOTTOM WATER ZONES**
[54] **SYSTEMES ET METHODES DE RECUPERATION DES HYDROCARBURES MIGRES DES ZONES D'EAUX DE FOND**
[72] VANDERSALM, ALISE, CA
[72] BREEN, SARAH, CA
[72] NGUYEN, ANTHONY, CA
[72] BROWN, CARSON, CA
[72] WEBB, PATRICK DAVID, CA
[72] RICHARD, ERIC GERALD, CA
[71] DEVON CANADA CORPORATION, CA
[22] 2017-02-15
[41] 2017-08-16
[30] US (62/295,923) 2016-02-16

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[51] **Int.Cl. G01R 19/00 (2006.01) H03F 3/45 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MEASURING AN ELECTRIC CURRENT GENERATED BY AN ACOUSTIC AMPLIFIER IN ORDER TO ACTUATE AN ACOUSTIC SPEAKER**
[54] **DISPOSITIF SERVANT A MESURER UN COURANT ELECTRIQUE GENERE PAR UN AMPLIFICATEUR ACOUSTIQUE AFIN D'ACTIONNER UN HAUT-PARLEUR ACOUSTIQUE**
[72] HEIL, M. CHRISTIAN, GB
[72] VAYSSE, PIERRE, FR
[71] L-ACOUSTICS, FR
[22] 2017-02-14
[41] 2017-08-15
[30] FR (16 51213) 2016-02-15

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[13] A1
[51] **Int.Cl. E05F 11/38 (2006.01) E06B 3/44 (2006.01)**
[25] EN
[54] **ADJUSTABLE CASEMENT WINDOW SASH LIFTER**
[54] **LEVE-CHASSIS DE FENETRE A BATTANT AJUSTABLE**
[72] VETTER, GREGORY J., US
[71] TRUTH HARDWARE CORPORATION, US
[22] 2017-02-15
[41] 2017-08-15
[30] US (62/295,464) 2016-02-15

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[13] A1
[51] **Int.Cl. G01N 15/08 (2006.01)**
[25] EN
[54] **POROUS MEDIUM EXTRACTION SYSTEM, POROUS MEDIUM SENSOR ASSEMBLY AND POROUS MEDIUM INFILTROMETER**
[54] **SYSTEME D'EXTRACTION DE MILIEU POREUX, DISPOSITIF DE CAPTEUR DE MILIEU POREUX ET INFILTROMETRE DE MILIEU POREUX**
[72] CARON, JEAN, CA
[71] EDAPHIS INC., CA
[22] 2017-02-15
[41] 2017-08-15
[30] US (62/295,357) 2016-02-15

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[51] **Int.Cl. E01H 5/02 (2006.01) B25J 1/00 (2006.01)**
[25] EN
[54] **SNOW AND ICE REMOVING APPARATUS**
[54] **APPAREIL D'ENLEVEMENT DE NEIGE ET DE GLACE**
[72] MANSIR, DARRYL, US
[71] MANSIR, DARRYL, US
[22] 2017-02-15
[41] 2017-08-17
[30] US (15/045,575) 2016-02-17

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[13] A1
[51] **Int.Cl. B66D 1/54 (2006.01) F16D 59/00 (2006.01) F16D 63/00 (2006.01)**
[25] EN
[54] **FALL ARREST APPARATUS**
[54] **DISPOSITIF ANTI-CHUTE**
[72] CARROCCIA, JOHN J., US
[72] MURRAY, JEFFERY L., US
[71] ON TOP SAFETY COMPANY, INC., US
[22] 2017-02-15
[41] 2017-08-16
[30] US (62/295,859) 2016-02-16
[30] US (15/432,224) 2017-02-14

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[13] A1
[51] **Int.Cl. C03B 37/10 (2006.01) C03C 13/06 (2006.01)**
[25] EN
[54] **NEEDLING ADDITIVE FOR THE MANUFACTURE OF NEEDLE FELTS OF MINERAL WOOL AND NEEDLE FELT MANUFACTURED THEREWITH**
[54] **AIGUILLETAGE ADDITIF DESTINE A LA FABRICATION DE FEUTRES AIGUILLETES DE LAINE MINERALE ET FEUTRE AIGUILLETE AINSI FABRIQUE**
[72] HUNIG, HAGEN, FR
[71] SAINT-GOBAIN ISOVER, FR
[22] 2017-02-15
[41] 2017-08-17
[30] DE (10 2016 202 401.9) 2016-02-17

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[13] A1
[51] **Int.Cl. A47G 33/12 (2006.01) A47G 25/12 (2006.01) E04H 12/22 (2006.01) F16M 11/00 (2006.01)**
[25] EN
[54] **UNIVERSAL TREE STAND SYSTEMS AND METHODS**
[54] **SYSTEMES DE SUPPORT D'ARBRE UNIVERSELS ET METHODES**
[72] CHENG, ELMER CHI HANG, CN
[72] OCEGUEDA GALLAGA, VICTOR HUGO, MX
[72] ZHANG, YIFENG, CN
[71] POLYGROUP MACAU LIMITED (BVI), VG
[22] 2017-02-14
[41] 2017-08-16
[30] US (62/295,726) 2016-02-16

[21] **2,958,003**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/024 (2006.01) A61B 5/145 (2006.01) A61B 5/1455 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR VIDEO-BASED MONITORING OF VITAL SIGNS**
[54] **SYSTEME ET METHODE DE SURVEILLANCE DES SIGNES VITAUX FONDEE SUR LA VIDEO**
[72] ADDISON, PAUL STANLEY, GB
[72] FOO, DAVID, GB
[72] JACQUEL, DOMINIQUE, GB
[71] COVIDIEN LP, US
[22] 2017-02-14
[41] 2017-08-19
[30] US (62/297,682) 2016-02-19
[30] US (62/335,862) 2016-05-13
[30] US (62/399,741) 2016-09-26

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/024 (2006.01) A61B 5/08 (2006.01) A61B 5/145 (2006.01) A61B 5/1455 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR VIDEO-BASED MONITORING OF VITAL SIGNS**
[54] **SYSTEME ET METHODE DE SURVEILLANCE DES SIGNES VITAUX FONDEE SUR LA VIDEO**
[72] ADDISON, PAUL S, GB
[72] FOO, DAVID, GB
[72] JACQUEL, DOMINIQUE, GB
[71] COVIDIEN LP, US
[22] 2017-02-14
[41] 2017-08-19
[30] US (62/297,682) 2016-02-19
[30] US (62/335,862) 2016-05-13
[30] US (62/399,741) 2016-09-26

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[13] A1
[51] **Int.Cl. B62D 55/12 (2006.01) F16H 55/08 (2006.01) F16H 55/30 (2006.01)**
[25] EN
[54] **SPROCKET WHEEL AND DRIVE SPROCKET FOR TRACK-TYPE MACHINE**
[54] **ROUE DENTEE ET DENT D'ENTRAINEMENT DESTINEES A UNE MACHINE DE TYPE A CHENILLE**
[72] CORTESE, DONALD G., US
[71] CATERPILLAR GLOBAL MINING AMERICA LLC, US
[22] 2017-02-14
[41] 2017-08-19
[30] US (15/048,628) 2016-02-19

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[13] A1
[51] **Int.Cl. B62D 55/26 (2006.01)**
[25] EN
[54] **LOCK PLATE CONFIGURED TO RETAIN WEAR RUNNER**
[54] **PLAQUE DE VERROU CONFIGUREE POUR RETENIR UN PATIN D'USURE**
[72] CORTESE, DONALD G., US
[71] CATERPILLAR GLOBAL MINING AMERICA LLC, US
[22] 2017-02-14
[41] 2017-08-19
[30] US (15/048,588) 2016-02-19

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[13] A1
[51] **Int.Cl. F02C 7/24 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **SERVICE TUBE FOR A TURBINE ENGINE**
[54] **TUBE DE SERVICE DESTINE A UNE TURBINE A GAZ**
[72] AGARA, KARTHIK GOPAL RAO, IN
[72] JAKOMIN, JOHN MARTIN, US
[72] FEMIA, STEVEN PAUL, US
[72] RAJAGOPALAN, VINODH, IN
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-08-18
[30] IN (201641005620) 2016-02-18

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[13] A1
[51] **Int.Cl. B65D 5/20 (2006.01)**
[25] EN
[54] **RETAIL-READY CONTAINER**
[54] **CONTENANT PRET POUR LA VENTE AU DETAIL**
[72] LITTLE, TROY M, US
[71] LITTLE, TROY M, US
[22] 2017-02-16
[41] 2017-08-19
[30] US (62/297,553) 2016-02-19
[30] US (15/432,333) 2017-02-14

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[13] A1
[51] **Int.Cl. B66F 9/12 (2006.01) B62B 1/06 (2006.01) B65D 19/38 (2006.01) B65D 21/032 (2006.01) B66F 9/065 (2006.01)**
[25] EN
[54] **LIFT AND PALLET**
[54] **APPAREIL DE LEVAGE ET PALETTE**
[72] KING, PHILIP A., US
[72] HASSELL, JON P., US
[72] APPS, WILLIAM P., US
[72] KALINOWSKI, DANE GIN MUN, US
[71] REHRIG PACIFIC COMPANY, US
[22] 2017-02-16
[41] 2017-08-16
[30] US (62/296,041) 2016-02-16
[30] US (62/362,576) 2016-07-14

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[13] A1
[51] **Int.Cl. F26B 25/12 (2006.01) F26B 9/00 (2006.01) F26B 9/06 (2006.01)**
[25] EN
[54] **DEHYDRATOR DOOR OPENING DEVICE**
[54] **DISPOSITIF D'OUVERTURE DE PORTE DE DESHYDRATATEUR**
[72] AKINBOBOLA, VICTOR, US
[71] LEM PRODUCTS DISTRIBUTION LLC, US
[22] 2017-02-16
[41] 2017-08-18
[30] US (15/046,996) 2016-02-18

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[13] A1
[51] **Int.Cl. E06B 9/32 (2006.01) E06B 9/68 (2006.01)**
[25] EN
[54] **DUAL CORD OPERATING SYSTEM FOR AN ARCHITECTURAL COVERING**
[54] **SYSTEME FONCTIONNANT A DEUX CORDES DESTINE A UN REVETEMENT ARCHITECTURAL**
[72] MCNEILL, DAVID B., US
[72] HOLT, RONALD, US
[72] WISECUP, STEPHEN T., US
[72] LYNCH, DAVID, US
[72] MUELLER, CHRISTOPHER R., US
[71] HUNTER DOUGLAS INC., US
[22] 2017-02-16
[41] 2017-08-19
[30] US (62/297,770) 2016-02-19

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[13] A1
[51] **Int.Cl. A01G 1/12 (2006.01) E01H 1/08 (2006.01) E01H 15/00 (2006.01)**
[25] EN
[54] **BLOWER TUBE WITH LATERAL OPENINGS**
[54] **TUBE DE SOUFFLEUR DOTE D'OUVERTURES LATERALES**
[72] NOLIN, ERIC, US
[72] PATRICK, ROBERT ANDREW, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-02-16
[41] 2017-08-16
[30] US (62/295,849) 2016-02-16

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[13] A1
[51] **Int.Cl. E06B 9/38 (2006.01) A47H 5/14 (2006.01) E06B 9/262 (2006.01) G05G 1/00 (2006.01)**
[25] EN
[54] **HANDLE ASSEMBLY FOR AN ARCHITECTURAL COVERING**
[54] **DISPOSITIF DE POIGNEE DESTINE A UN REVETEMENT ARCHITECTURAL**
[72] SCHWANDT, MARK A, US
[72] SPRAY, JEFFERY L., US
[71] HUNTER DOUGLAS INC., US
[22] 2017-02-16
[41] 2017-08-17
[30] US (15/045,309) 2016-02-17

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[13] A1
[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/262 (2006.01)**
[25] EN
[54] **WAND FOR ARCHITECTURAL COVERING**
[54] **TIGE DESTINEE A UN REVETEMENT ARCHITECTURAL**
[72] ANTHONY, JAMES M., US
[72] DANN, KEVIN M., US
[72] SPRAY, JEFFERY L., US
[71] HUNTER DOUGLAS INC., US
[22] 2017-02-16
[41] 2017-08-19
[30] US (62/297,783) 2016-02-19

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[13] A1
[51] **Int.Cl. H04L 12/761 (2013.01) H04L 12/931 (2013.01)**
[25] EN
[54] **MULTICAST SWITCHING SYSTEM**
[54] **MECANISME DE COMMUTATEUR MULTIBLOC**
[72] SHIMIZU, TAKESHI, JP
[72] NAKAMURA, KAZUNORI, JP
[71] MEDIA GLOBAL LINKS CO., LTD., JP
[22] 2017-02-16
[41] 2017-08-18
[30] JP (2016-029254) 2016-02-18
[30] JP (2016-125818) 2016-06-24

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[13] A1
[51] **Int.Cl. A01G 1/08 (2006.01) E02D 5/80 (2006.01)**
[25] EN
[54] **LANDSCAPE EDGING STAKE AND METHOD**
[54] **PIEU DE BORDURE DE PAYSAGEMENT ET METHODE**
[72] RYNBERK, HOWARD, JR., US
[71] VALLEY VIEW INDUSTRIES, US
[22] 2017-02-17
[41] 2017-08-17
[30] US (62/296,380) 2016-02-17

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[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) H04N 21/2743 (2011.01)**
[25] EN
[54] **NETWORK-BASED SYSTEM FOR GENERATION OF DIGITAL DATA OBJECT MOSAICS**
[54] **SYSTEME FONDE SUR UN RESEAU SERVANT A GENERER DES MOSAIQUES D'OBJETS DE DONNEES NUMERIQUES**
[72] AL-JALLAD, ALAAEDDIN YOUSEF, JO
[71] AL-JALLAD, ALAAEDDIN YOUSEF, JO
[22] 2017-02-17
[41] 2017-08-19
[30] US (62/297,570) 2016-02-19

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[13] A1
[51] **Int.Cl. B64D 37/32 (2006.01) B01D 53/00 (2006.01) B01J 7/00 (2006.01) B01J 19/14 (2006.01) B64D 13/00 (2006.01)**
[25] FR
[54] **INERT GAS GENERATOR AND AIRCRAFT FUEL TANK INERTING SYSTEM IMPLEMENTING SAID INERT GAS GENERATOR**
[54] **GENERATEUR DE GAZ D'INERTAGE, ET SYSTEME D'INERTAGE D'UN RESERVOIR DE CARBURANT D'UN AERONEF METTANT EN OEUVRE LEDIT GENERATEUR DE GAZ D'INERTAGE**
[72] CLARIS, CHRISTOPHE, FR
[71] ZODIAC AEROTECHNICS, FR
[22] 2017-02-17
[41] 2017-08-18
[30] FR (1651294) 2016-02-18

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[13] A1
[51] **Int.Cl. A47B 96/06 (2006.01) A47B 47/00 (2006.01) A47B 57/34 (2006.01) A47B 57/48 (2006.01) A47B 96/14 (2006.01)**
[25] EN
[54] **MULTIPLE SHELVING APPARATUS**
[54] **APPAREIL DE RAYONNAGE MULTIPLE**
[72] TSAI, FRANK, CN
[71] TSAI, FRANK, CN
[22] 2017-02-17
[41] 2017-08-19
[30] US (15/047,646) 2016-02-19
[30] US (15/259,040) 2016-09-07

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[13] A1
[51] **Int.Cl. E04F 13/076 (2006.01) E04F 13/075 (2006.01) E04F 13/18 (2006.01)**
[25] EN
[54] **COMPOSITE INSULATING PANEL**
[54] **PANNEAU ISOLANT EN COMPOSITE**
[72] CULPEPPER, PATRICK M., US
[72] CULPEPPER, JASON L., US
[71] PROGRESSIVE FOAM TECHNOLOGIES, INC., US
[22] 2017-02-17
[41] 2017-08-17
[30] US (62/296,465) 2016-02-17
[30] US (62/370,895) 2016-08-04
[30] US (62/441,657) 2017-01-03

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[13] A1
[51] **Int.Cl. E04F 13/075 (2006.01) E04F 13/076 (2006.01) E04F 13/077 (2006.01) E04F 13/08 (2006.01) E04F 13/24 (2006.01)**
[25] EN
[54] **COMPOSITE INSULATING PANEL**
[54] **PANNEAU ISOLANT EN COMPOSITE**
[72] CULPEPPER, PATRICK M., US
[72] CULPEPPER, JASON L., US
[71] PROGRESSIVE FOAM TECHNOLOGIES, INC., US
[22] 2017-02-17
[41] 2017-08-17
[30] US (62/296,465) 2016-02-17
[30] US (62/370,895) 2016-08-04
[30] US (62/441,657) 2017-01-03

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[13] A1
[51] **Int.Cl. F02C 7/22 (2006.01) F16L 37/12 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **FUEL NOZZLE RETAINING BRACKET**
[54] **SUPPORT DE RETENUE DE BUSE DE CARBURANT**
[72] MORENKO, OLEG, CA
[72] MISKIE, RYAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-02-15
[41] 2017-08-19
[30] US (15/048,247) 2016-02-19

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[13] A1
[51] **Int.Cl. F01D 25/28 (2006.01) F01D 25/12 (2006.01) F01D 25/24 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **MOUNTING ARRANGEMENT FOR MOUNTING A FLUID COOLER TO A GAS TURBINE ENGINE CASE**
[54] **DISPOSITION D'INSTALLATION SERVANT A INSTALLER UN REFROIDISSEUR DE FLUIDE SUR UN CARTER DE TURBINE A GAZ**
[72] OLVER, BRYAN W., CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-02-15
[41] 2017-08-17
[30] US (15/384,690) 2016-12-20
[30] US (62/296,239) 2016-02-17

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[13] A1
[51] **Int.Cl. F01D 25/24 (2006.01) F01D 9/02 (2006.01) F02C 7/20 (2006.01)**
[25] EN
[54] **INTERMITTENT SPIGOT JOINT FOR GAS TURBINE ENGINE CASING CONNECTION**
[54] **JOINT A ERGOT INTERMITTENT DESTINE A UN RACCORD DE LOGEMENT DE TURBINE A GAZ**
[72] VEITCH, THOMAS, CA
[72] URAC, TIBOR, CA
[72] RICHARDSON, TYLER, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-02-15
[41] 2017-08-18
[30] US (15/046,568) 2016-02-18

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[13] A1
[51] **Int.Cl. B68G 5/02 (2006.01) A47C 27/14 (2006.01) A47C 27/22 (2006.01) B68G 11/04 (2006.01) C08J 9/35 (2006.01)**
[25] EN
[54] **MATTRESS PANELS INCLUDING ANTIMCROBIAL TREATED FIBERS AND/OR FOAMS**
[54] **PANNEAUX DE MATELAS RENFERMANT DES FIBRES OU DES MOUSSES AYANT SUBI UN TRAITEMENT ANTIBACTERIEN**
[72] MCGUIRE, SHERI, US
[71] DREAMWELL, LTD., US
[22] 2017-02-15
[41] 2017-08-15
[30] US (62/295,370) 2016-02-15

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[13] A1
[51] **Int.Cl. F21V 21/30 (2006.01) F21S 8/02 (2006.01) F21V 21/04 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **RECESSED LIGHTING FIXTURE WITH ORIENTATION ADJUSTING APPARATUS**
[54] **APPAREIL D'ECLAIRAGE ENCASTRE DOTE D'UN DISPOSITIF D'AJUSTEMENT D'ORIENTATION**
[72] HIGHBRIDGE, DOUG, US
[71] RAB LIGHTING INC., US
[22] 2017-02-15
[41] 2017-08-16
[30] US (62/295,730) 2016-02-16

[21] **2,958,357**
[13] A1
[51] **Int.Cl. B65G 41/00 (2006.01) B65G 67/24 (2006.01)**
[25] EN
[54] **TRANSPORTABLE DRIVE-OVER CONVEYOR SYSTEM WITH FOLDING AND LIFTING MECHANISM**
[54] **SYSTEME DE COURROIE DE TRANSPORT A PASSAGE TRANSPORTABLE DOTE D'UN MECANISME DE PLIAGE ET DE LEVAGE**
[72] WILCOX, BRIAN, CA
[71] AG GROWTH INTERNATIONAL INC., CA
[22] 2017-02-16
[41] 2017-08-16
[30] US (62/295,829) 2016-02-16
[30] CA (2,921,123) 2016-02-17

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[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/801 (2013.01) G06F 11/30 (2006.01)**
[25] EN
[54] **SUPPLEMENTING NETWORK FLOW ANALYSIS WITH ENDPOINT INFORMATION**
[54] **COMPLEMENT D'ANALYSE DE FLUX DE RESEAU AU MOYEN D'INFORMATION DE POINT D'EXTREMITE**
[72] HOLEMAN, RYAN, US
[72] HARTMANN, AL, US
[72] HARRIMAN, JOSH, US
[72] APPLEBAUM, JOSH, US
[71] ZIFTEN TECHNOLOGIES, INC., US
[22] 2017-02-15
[41] 2017-08-17
[30] US (62/296,326) 2016-02-17
[30] US (15/352,056) 2016-11-15
[30] US (15/352,150) 2016-11-15

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[13] A1
[51] **Int.Cl. G06K 7/01 (2006.01) G06K 7/10 (2006.01)**
[25] EN
[54] **A MULTI-CAPABILITY APPARATUS SUPPORTING BACKGROUND RFID TAG-READING AND CORRESPONDING METHODS**
[54] **UN APPAREIL MULTICAPACITE SUPPORTANT LA LECTURE D'ETIQUETTE RFID D'ARRIERE-PLAN ET METHODES CORRESPONDANTES**
[72] JONES, NICHOLAUS A., US
[72] BOURLON, JARROD L., US
[72] TAULBEE, ALVIN S., US
[71] WAL-MART STORES, INC., US
[22] 2017-02-17
[41] 2017-08-19
[30] US (62/297,756) 2016-02-19

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[13] A1
[51] **Int.Cl. A47F 3/00 (2006.01) A47F 1/00 (2006.01)**
[25] EN
[54] **RACK OF AN INVENTORY MANAGEMENT SYSTEM FOR PROVIDING PRODUCTS**
[54] **SUPPORT D'UN SYSTEME DE GESTION DE STOCK SERVANT A FOURNIR DES PRODUITS**
[72] REUTHER, DIETMAR, DE
[71] WURTH INDUSTRIE SERVICE GMBH & CO. KG, DE
[22] 2017-02-17
[41] 2017-08-19
[30] DE (20 2016 100 875.1) 2016-02-19

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[13] A1
[51] **Int.Cl. B29C 47/14 (2006.01) B29C 47/54 (2006.01) B29C 47/78 (2006.01)**
[25] EN
[54] **RAM EXTRUDING THIN PANELS OF UHMW POLYMERS**
[54] **BELIER D'EXTRUSION DE PANNEAUX MINCES DE POLYMERES UHMW**
[72] STRANGE, BRODERICK JASON, CA
[72] BRANIFF, DANIEL PATRICK, CA
[71] ROCHLING ENGINEERING PLASTICS LTD., CA
[22] 2017-02-17
[41] 2017-08-19
[30] US (15/047,935) 2016-02-19

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[21] **2,958,395**
[13] A1
[51] **Int.Cl. F16B 21/07 (2006.01) F16B 13/00 (2006.01) F16B 17/00 (2006.01)**
[25] EN
[54] **MANSORY ANCHOR OF THE EXPANSION TYPE**
[54] **ANCRAGE DE MACONNERIE DE TYPE A DILATATION**
[72] MURDOCH, THOMAS, AU
[71] ILLINOIS TOOL WORKS INC., US
[22] 2017-02-17
[41] 2017-08-18
[30] AU (2016900576) 2016-02-18
[30] AU (2017201016) 2017-02-15

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[13] A1
[51] **Int.Cl. F16B 13/00 (2006.01) F16B 13/06 (2006.01) F16B 17/00 (2006.01) F16B 21/07 (2006.01)**
[25] EN
[54] **MASONRY ANCHOR OF THE EXPANSION TYPE**
[54] **ANCRAGE DE MACONNERIE DE TYPE A DILATATION**
[72] MURDOCH, THOMAS, AU
[71] ILLINOIS TOOL WORKS INC., US
[22] 2017-02-17
[41] 2017-08-18
[30] AU (2016900579) 2016-02-18
[30] AU (2017201013) 2017-02-15

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[21] **2,958,408**
[13] A1
[51] **Int.Cl. B24C 5/06 (2006.01) B24C 3/00 (2006.01)**
[25] EN
[54] **TWIST-LOCK ASSEMBLY FOR A CENTRIFUGAL BLASTING WHEEL**
[54] **MECANISME DE VERROU TOURNANT DESTINE A UNE ROUE DE GRENAILLAGE CENTRIFUGE**
[72] PANZENHAGEN, CARL P., US
[72] CHAMBERLAIN, ARNOLD A., US
[71] CP METCAST, INC., US
[22] 2017-02-17
[41] 2017-08-18
[30] US (62/296,813) 2016-02-18

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[13] A1
[51] **Int.Cl. B60P 3/22 (2006.01) B60P 1/28 (2006.01)**
[25] EN
[54] **ZERO PRESSURE PNEUMATIC APPARATUS**
[54] **APPAREIL PNEUMATIQUE A PRESSION NULLE**
[72] BINGHAM, JEFF, US
[72] ADAMS, SCOTT, US
[71] BULKMATIC TRANSPORT COMPANY, US
[22] 2017-02-17
[41] 2017-08-17
[30] US (62/296,343) 2016-02-17

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[21] **2,958,440**
[13] A1
[51] **Int.Cl. H02G 3/14 (2006.01)**
[25] EN
[54] **SLIM LINE WHILE IN USE COVER AND METHODS FOR MAKING AND USING THE SAME**
[54] **PLAQUE DE PRISE MINCE ET METHODE DE FABRICATION ET D'UTILISATION**
[72] SATHYANARAYANA, ASHOK ALILUGHATTA, IN
[72] CHAVAN, VINAYAK MANOHAR, IN
[72] KHODAPE, YUVRAJ TOTARAM, IN
[72] DIVEKAR, SHRIRAM RAMESH, IN
[71] SIGMA ELECTRIC MANUFACTURING CORPORATION, US
[22] 2017-02-16
[41] 2017-08-16
[30] US (62/295,840) 2016-02-16

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[13] A1
[51] **Int.Cl. E21B 43/241 (2006.01) C09K 8/592 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **METHODS FOR ACCELERATING RECOVERY OF HEAVY HYDROCARBONS WITH CO-INJECTION OF STEAM AND VOLATILE AGENT**
[54] **METHODES D'ACCELERATION DE LA RECUPERATION D'HYDROCARBURES LOURDS PAR COINJECTION DE VAPEUR ET D'AGENT VOLATILE**
[72] KOCHHAR, ISHAN DEEP S., CA
[72] SEIB, BRENT DONALD, CA
[71] FCCL PARTNERSHIP, CA
[22] 2017-02-16
[41] 2017-08-16
[30] US (62/296,022) 2016-02-16

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[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/02 (2006.01) F01D 5/20 (2006.01) F04D 29/32 (2006.01)**
[25] EN
[54] **COMPRESSOR ROTOR FOR SUPERSONIC FLUTTER AND/OR RESONANT STRESS MITIGATION**
[54] **ROTOR DE COMPRESSEUR DESTINE A UN PAPILLON SUPERSONIQUE OU A L'ATTENUATION DE CONTRAINTE RESONNANTE**
[72] THERATIL, IGNATIUS, CA
[72] BALIKE, KRISHNA PRASAD, CA
[72] ABATE, ALDO, CA
[72] KELLY, SEAN, CA
[72] TOWNSEND, PETER, CA
[72] DUTTON, RONALD, CA
[72] BROWN, ANTHONY, CA
[72] STONE, PAUL, CA
[72] KLEIN, MYRON, CA
[72] KOJOVIC, MILICA, CA
[72] VENDITTI, ROBERT, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-02-17
[41] 2017-08-19
[30] US (62/297,376) 2016-02-19

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[13] A1
[51] **Int.Cl. G06F 21/55 (2013.01)**
[25] EN
[54] **SECURITY MONITORING AT OPERATING SYSTEM KERNEL LEVEL**
[54] **SURVEILLANCE DE SECURITE AU NIVEAU NOYAU DU SYSTEME D'EXPLOITATION**
[72] FAHRNY, JAMES, US
[72] PARK, KYONG, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-02-17
[41] 2017-08-18
[30] US (15/047,138) 2016-02-18

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[21] **2,958,472**
[13] A1
[51] **Int.Cl. H04W 48/16 (2009.01) H04W 76/04 (2009.01)**
[25] EN
[54] **SSID BROADCAST MANAGEMENT TO SUPPORT PRIORITY OF BROADCAST**
[54] **GESTION DE DIFFUSION SSID EN VUE DE PRENDRE EN CHARGE LA PRIORITE DE DIFFUSION**
[72] ONG, IVAN, US
[72] SANDERSON, PHILLIP A., US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-02-17
[41] 2017-08-18
[30] US (15/046,945) 2016-02-18

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[21] **2,958,487**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 50/20 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR EMPLOYEE PLACEMENT PREDICTION USING MACHINE LEARNING**
[54] **SYSTEME ET METHODE DE PREDICTION DE PLACEMENT D'EMPLOYE AU MOYEN D'APPRENTISSAGE MACHINE**
[72] MONTGOMERY, NICHOLAS, US
[72] ATIKUNE, ART, US
[72] HUBERMAN, RON, US
[71] TEACHER MATCH, LLC, US
[22] 2017-02-21
[41] 2017-08-19
[30] US (62/297,209) 2016-02-19

[21] **2,963,531**
[13] A1
[51] **Int.Cl. E02D 35/00 (2006.01) E02D 5/52 (2006.01) E02D 5/54 (2006.01) E02D 7/00 (2006.01) E02D 37/00 (2006.01)**
[25] FR
[54] **BUILDING FOUNDATION LIFTING AND STABILIZATION DEVICE**
[54] **DISPOSITIF POUR SOULEVER ET STABILISER LA FONDATION D'UN BATIMENT**
[72] BOUCHER, FRANCIS, CA
[71] BOUCHER, FRANCIS, CA
[22] 2017-04-05
[41] 2017-08-15

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[21] **2,970,031**
[13] A1
[51] **Int.Cl. B63C 9/13 (2006.01) A45F 3/15 (2006.01) B63B 35/85 (2006.01) B63C 9/28 (2006.01)**
[25] EN
[54] **INFLATABLE WATER SELF-RESCUE AND CARRYING DEVICE**
[54] **DISPOSITIF DE TRANSPORT ET DE SAUVETAGE AUTONOME AQUATIQUE GONFLABLE**
[72] NAKAMOTO, IVAN L., CA
[71] NAKAMOTO, IVAN L., CA
[22] 2017-06-09
[41] 2017-08-16

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[21] **2,970,306**
[13] A1
[51] **Int.Cl. B65F 3/02 (2006.01)**
[25] EN
[54] **AUTOMATED CONTAINER HANDLING SYSTEM FOR REFUSE COLLECTION VEHICLES**
[54] **SYSTEME DE TRAITEMENT DE CONTENEUR AUTOMATISE DESTINE AUX VEHICULES DE COLLECTE DE DECHETS**
[72] MELDAHL, BRIAN R., US
[72] MCNEILUS, GRANT, US
[72] CUNNINGHAM, JAMES R., US
[71] CON-TECH MANUFACTURING, INC., US
[22] 2017-06-12
[41] 2017-08-15
[30] US (15/189,150) 2016-06-22

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[13] A1
[51] **Int.Cl. B65F 3/00 (2006.01) B60P 1/36 (2006.01) B60P 1/48 (2006.01)**
[25] EN
[54] **BELT OPERATED CONTAINER HANDLING SYSTEM FOR SIDE LOADER**
[54] **SYSTEME DE TRAITEMENT DE CONTENEUR FONCTIONNANT A COURROIE DESTINE A UN VEHICULE A CHARGEMENT LATERAL**
[72] MELDAHL, BRIAN R., US
[72] MCNEILUS, GRANT, US
[71] CON-TECH MANUFACTURING, INC., US
[22] 2017-06-12
[41] 2017-08-15
[30] US (15/353,255) 2016-11-16

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[21] **2,970,499**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01)**
[25] EN
[54] **USE OF A WATER-SOLUBLE UNIT DOSE ARTICLE TO IMPROVE THE CONSUMER DETERGENT DOSING EXPERIENCE**
[54] **UTILISATION D'ARTICLE A DOSAGE UNIQUE HYDROSOLUBLE EN VUE D'AMELIORER L'EXPERIENCE DE DOSAGE DE DETERGENT DE CONSOMMATION**
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] LABEQUE, REGINE, BE
[72] SOUTER, PHILIP FRANK, GB
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] RENMANS, MARC RENE BERT, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2017-06-13
[41] 2017-08-15
[30] US (62/349,225) 2016-06-13

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[21] **2,970,590**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01)**
[25] EN
[54] **USE OF A FIRST FILM AND A SECOND FILM TO IMPROVE SEAL STRENGTH OF A WATER-SOLUBLE UNIT DOSE ARTICLE**
[54] **UTILISATION D'UNE PREMIERE PELLICULE ET D'UNE DEUXIEME PELLICULE EN VUE D'AMELIORER LA SOLIDITE D'UN JOINT D'UN ARTICLE DE DOSAGE UNIQUE HYDROSOLUBLE**
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] LABEQUE, REGINE, BE
[72] SOUTER, PHILIP FRANK, GB
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] RENMANS, MARC RENE BERT, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2017-06-13
[41] 2017-08-15
[30] US (62/349,223) 2016-06-13

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[21] **2,970,603**
[13] A1
[51] **Int.Cl. B65D 65/46 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE UNIT DOSE ARTICLES MADE FROM A COMBINATION OF DIFFERENT FILMS AND CONTAINING HOUSEHOLD CARE COMPOSITIONS**
[54] **ARTICLES DE DOSAGE UNIQUE HYDROSOLUBLES FAITS D'UNE COMBINAISON DE DIFFERENTES PELLICULES ET RENFERMANT DES PRODUITS D'ENTRETIEN MENAGER**
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] LABEQUE, REGINE, BE
[72] FRIEDRICH, STEVEN GEORGE, US
[72] LEE, DAVID M., US
[72] NII, SHINSUKE, US
[72] YEUNG, LEE KON, US
[72] YOGAN, THOMAS J., US
[72] RENMANS, MARC RENE BERT, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2017-06-13
[41] 2017-08-15
[30] US (62/349,635) 2016-06-13

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[21] **2,970,610**
[13] A1
[51] **Int.Cl. B08B 3/08 (2006.01) B65D 65/46 (2006.01)**
[25] EN
[54] **A PROCESS OF WASHING FABRICS**
[54] **UN PROCEDE DE LAVAGE DES TISSUS**
[72] COURCHAY, FLORENCE CATHERINE, DE
[72] LABEQUE, REGINE, DE
[72] SOUTER, PHILIP FRANK, GB
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] RENMANS, MARC RENE BERT, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2017-06-13
[41] 2017-08-15
[30] US (62/349,216) 2016-06-13

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[21] **2,970,745**
[13] A1
[51] **Int.Cl. B01D 33/067 (2006.01)**
[25] EN
[54] **ROTARY INTERSTAGE SCREEN APPARATUS**
[54] **APPAREIL DE TAMIS INTER ETAGE ROTATIF**
[72] TSUTSUMI, MASATAKA, US
[71] SIZETEC, INC., US
[22] 2017-06-15
[41] 2017-08-16
[30] US (15/262,387) 2016-09-12

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[13] A1
[51] **Int.Cl. B32B 1/00 (2006.01) B32B 3/06 (2006.01) E04F 11/18 (2006.01)**
[25] EN
[54] **COMPOUND LUMBER PRODUCT**
[54] **PRODUIT DE BOIS DEBITE COMPOSE**
[72] WANG, KUNJIE, CN
[71] WANG, KUNJIE, CN
[22] 2017-06-19
[41] 2017-08-17

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[13] A1
[51] **Int.Cl. A47L 15/42 (2006.01) A47L 15/02 (2006.01) A47L 15/14 (2006.01)**
[25] EN
[54] **DISHWASHER**
[54] **LAVE-VAISSELLE**
[72] KIM, SEUNGHUN, KR
[72] WOO, SANGWOO, KR
[72] PARK, YOUNGHWAN, KR
[71] LG ELECTRONICS INC., KR
[85] 2016-10-26
[86] 2016-07-21 (PCT/KR2016/007960)
[87] (2947013)
[30] KR (10-2015-0109607) 2015-08-03

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[13] A1
[51] **Int.Cl. A23P 30/00 (2016.01) A23L 5/00 (2016.01) A23L 29/281 (2016.01) A47J 43/28 (2006.01) B44B 11/00 (2006.01) A23J 3/06 (2006.01)**
[25] EN
[54] **TOOLS AND METHODS FOR MAKING EDIBLE GELATIN ART**
[54] **OUTILS ET PROCEDES DE FABRICATION D'ARTICLES EN GELATINE ALIMENTAIRE**
[72] COHEN, DAN, US
[71] COHEN, DAN, US
[85] 2016-11-23
[86] 2015-06-24 (PCT/US2015/037438)
[87] (WO2016/099601)
[30] US (62/094,307) 2014-12-19

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **PORTFOLIO CREATION SYSTEM**
[54] **SYSTEME DE CREATION DE PORTFOLIO**
[72] AIKAWA, HIDEKI, JP
[71] SAMADHI CO., LTD., JP
[85] 2017-01-18
[86] 2016-02-19 (PCT/JP2016/054958)
[87] (2955349)

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[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/558 (2006.01)**
[25] EN
[54] **SAMPLE ANALYSING DEVICE**
[54] **DISPOSITIF D'ANALYSE D'ECHANTILLONS**
[72] HUDSON, MARK, GB
[72] JOHNSON, JONATHAN, GB
[72] RUSSELL, DAVID, GB
[72] GOETZ, STEPHAN, GB
[72] STUCHINSKAYA, TANYA, GB
[71] INTELLIGENT FINGERPRINTING LIMITED, GB
[85] 2017-01-23
[86] 2015-07-24 (PCT/GB2015/052157)
[87] (WO2016/012812)
[30] GB (1413157.7) 2014-07-24

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[13] A1
[51] **Int.Cl. F21S 2/00 (2016.01) F21V 21/005 (2006.01) F21V 29/00 (2015.01)**
[25] EN
[54] **LED LAMP UNIT**
[54] **UNITE DE LAMPE A DEL**
[72] YEUNG, CHIWAI, CN
[71] YEUNG, CHIWAI, CN
[85] 2017-04-13
[86] 2015-10-14 (PCT/CN2015/000694)
[87] (WO2016/058285)
[30] CN (201410555199.4) 2014-10-17

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[13] A1
[51] **Int.Cl. B67D 7/08 (2010.01) B67D 7/04 (2010.01) G06F 3/0481 (2013.01) B60P 3/24 (2006.01)**
[25] EN
[54] **CROSSOVER PROTECTION SYSTEM GRAPHICAL USER INTERFACES**
[54] **INTERFACES UTILISATEUR GRAPHIQUES A SYSTEME DE PROTECTION CONTRE LE CROISEMENT**
[72] NELSON, MIKAEL A., US
[72] PANDEY, KAPIL, IN
[72] FINNELL, SCOTT A., US
[72] BLAIR, JEFFREY J., US
[71] KNAPPCO CORPORATION, US
[85] 2017-05-03
[86] 2015-10-29 (PCT/US2015/057987)
[87] (WO2016/073267)
[30] US (62/076,533) 2014-11-07
[30] US (14/922,646) 2015-10-26

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[13] A1
[51] **Int.Cl. B60K 17/24 (2006.01) B60K 17/356 (2006.01) B60L 11/18 (2006.01) H02K 7/14 (2006.01)**
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[54] **INTEGRATED MOTOR AND AXLE APPARATUS AND METHOD**
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[72] JANSEN, PATRICK, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEME ET PROCEDE D'IMPRESSION DE DOCUMENTS DE SECURITE SUR UN PAPIER THERMIQUE**
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[71] CTPG OPERATING, LLC, US
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[54] **ENSEMBLE RELAIS A CANAUX MULTIPLES AVEC COMMUTATEURS MEMS EN LIGNE**
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[72] AIMI, MARCO FRANCESCO, US
[72] CLAYDON, GLENN SCOTT, US
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[54] **LENTILLE DE CONTACT ET PROCEDE DE FABRICATION D'UNE LENTILLE DE CONTACT**
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[72] ABUTALEB, MOHAMED O., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[72] ROZBICKI, ROBERT T., US
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[54] **SYSTEMES ET PROCEDES D'ALIMENTATION EN ENERGIE ET DE REFROIDISSEMENT DE SYSTEMES LASER DENTAIRE**
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[72] HANSEN, MICHAEL BO, DK
[72] GIUBLIN, BRUNO LEONARDO, BR
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[72] LOMBARDI, ALFRED J., US
[72] OSTROVSKY, MICHAEL, US
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[54] **SYSTEME ET PROCEDE D'IDENTIFICATION DE SEGMENT MULTIMEDIA CONTINUE**
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[54] **APPAREIL D'ECLAIRAGE**
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[72] BOYLE, THOMAS J., US
[72] LI, JIAN, CN
[72] YI, QING, CN
[72] WANG, ZHIYONG, CN
[72] ZHOU, HUISHENG, CN
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[72] ZOU, HONG, US
[72] GALBUS, MICHAEL T., US
[72] FLYNN, NICHOLAS M., US
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[72] MCDONALD, CHRIS H., US
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[72] WELDON, PATRICK D., US
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[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE SECURITE PAR COMMANDE A DISTANCE**
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[72] NOY, BARAK, IL
[72] ETGAR, GUY, IL
[72] ZUSSMAN, MOTA, IL
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[54] **MACHINE DE GLACAGE ET PROCEDE DE GLACAGE**
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[72] SARAJIAN, TIGRAN K., US
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[54] **PROCEDE ET APPAREIL POUR ACQUISITION ET FUSION DE CARTES DE PROFONDEUR A TECHNOLOGIES MULTIPLES**
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[72] ATANASSOV, KALIN MITKOV, US
[72] GOMA, SERGIU RADU, US
[71] QUALCOMM INCORPORATED, US
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[72] COOK, JONATHAN RICHARD, US
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[54] **RESEAU MAILLE SANS FIL AVEC COMMUNICATION ENTRE UN DISPOSITIF AEROPORTE ET UN DISPOSITIF DE METROLOGIE FIXE**
[72] SUGGS, KENNETH RANDALL, US
[71] LANDIS+GYR INNOVATIONS, INC., US
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[54] **SYSTEME AYANT UN ELEMENT DE TELECOMMUNICATION DISSIMULE PAR UNE STRUCTURE REFLECHISSANTE COMPORTANT UN FILM MULTICOUCHE OPTIQUE POLYMERE**
[72] LARSON, DONALD K., US
[72] SCHARDT, CRAIG R., US
[72] KING, STEPHEN C., US
[72] TREADWELL, DANIEL J., US
[72] YEMELONG, CONSTAND E., US
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[54] **CRISPR PRESENTANT OU ASSOCIE AVEC UN DOMAINE DE DESTABILISATION**
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[72] ZETSCHE, BERND, US
[72] CHOUDHARY, AMIT, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **ROBOT DE NETTOYAGE DE FENETRE, SYSTEME DE ROBOT NETTOYAGE DE FENETRE ET METHODE DE COMMANDE DE ROBOT DE NETTOYAGE DE FENETRE**
[72] CHEN, YUAN, CN
[72] ZHU, XIAOGANG, CN
[72] YUAN, XIAOLONG, CN
[71] JIANGSU MIDEA CLEANING APPLIANCES CO., LTD., CN
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[54] **GAINES DE CABLE AYANT DES MICROSTRUCTURES ETUDIEES ET PROCEDES DE FABRICATION DE GAINES DE CABLES AYANT DES MICROSTRUCTURES ETUDIEES**
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[72] HUANG, WENYI, US
[72] DOOLEY, JOSEPH, US
[72] LEE, CHANG DONG, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **COMPOSITIONS DE BACILLUS AMYLOLIQUEFACIENS RTI301 ET PROCEDES D'UTILISATION POUR FAVORISER LA CROISSANCE DE PLANTE ET TRAITER UNE MALADIE DE PLANTE**
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[72] VAN DER LELIE, DANIEL, US
[72] LEE, JAEHEON, US
[71] FMC CORPORATION, US
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[72] SCOVILLE, TIMOTHY E., US
[71] SAINT-GOBAIN ABRASIFS, FR
[71] SAINT-GOBAIN ABRASIVES, INC., US
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[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DE VEHICULES A ROUES A L'AIDE DE DISPOSITIFS D'IDENTIFICATION PAR RADIOFREQUENCES (RFID)**
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[72] JAMES, JESSE M., US
[72] CARTER, SCOTT J., US
[71] GATEKEEPER SYSTEMS, INC., US
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[54] **BALAYAGE EN AZIMUT DYNAMIQUE POUR RADAR TOURNANT A ENSEMBLE ACTIF DE BALAYAGE ELECTRONIQUE**
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[72] LANZKRON, PAUL J., US
[71] RAYTHEON COMPANY, US
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[25] FR
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[54] **SYSTEME ET PROCEDE DE GENERATION D'IMPULSIONS LUMINEUSES ULTRABREVES A FORTE DENSITE SPECTRALE DE PUISSANCE ET ACCORDABLES EN LONGUEUR D'ONDE**
[72] CORMIER, ERIC, FR
[72] LHERMITE, JEROME, FR
[72] ROYON, ROMAIN, FR
[72] SARGER, LAURENT, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **PHARMACEUTICAL COMPOSITION FOR TREATING CANCER COMPRISING METAL LACTATE SALT**
[54] **COMPOSITION PHARMACEUTIQUE DE TRAITEMENT DU CANCER RENFERMANT UN SEL LACTATE METALLIQUE**
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[72] JEONG, KEUN YEONG, KR
[72] SIM, JAE JUN, KR
[72] JANG, YEONG SU, KR
[71] METIMEDI PHARMACEUTICALS CO., LTD., KR
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[71] CAMERON INTERNATIONAL CORPORATION, US
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[54] **FLEXIBLE ULTRASONIC TRANSDUCER AND A TRANSDUCER BLOCK**
[54] **TRANSDUCTEUR ULTRASONORE SOUPLE ET BLOC TRANSDUCTEUR**
[72] VAN DER HEIJDEN, STEVEN JOHANNES, NL
[72] RAMSARAN, DHEERADJ, NL
[72] AUGUSTIJN, CORNELIS MARINUS, NL
[72] ENGEL, MICHIEL PETRUS LAMBERTUS, NL
[71] RONTGEN TECHNISCHE DIENST B.V., NL
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[54] **OIL-INJECTED VACUUM PUMP ELEMENT**
[54] **ELEMENT DE POMPE A VIDE A INJECTION D'HUILE**
[72] BOECKX, JENS, BE
[72] SEGERS, JOZEF MARIA, BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
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[54] **METHOD FOR CONTROLLING A GAS SUPPLY TO A VACUUM PUMP**
[54] **PROCEDE DE COMMANDE D'UN APPORT DE GAZ A UNE POMPE A VIDE**
[72] COECKELBERGS, JOERI, BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
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[25] EN
[54] **BIREFRINGENT MULTI-PEAK OPTICAL REFERENCE ELEMENT AND BIREFRINGENT SENSOR SYSTEM**
[54] **ELEMENT DE REFERENCE OPTIQUE BIREFRINGENT MULTI-PICS ET SYSTEME DE CAPTEUR BIREFRINGENT**
[72] TAVERNER, DOMINO, US
[71] WEATHERFORD TEHCNOLOGY HOLDINGS, LLC, US
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[54] **STABLE INSECTICIDAL PREMIXTURE FORMULATIONS**
[54] **FORMULATIONS STABLES DE PREMELANGE INSECTICIDE**
[72] RAMACHANDRAN, BHASKAR M., US
[71] VALENT U.S.A. LLC, US
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[25] EN
[54] **INTEGRATED THERMAL COMFORT CONTROL SYSTEM WITH VARIABLE MODE OF OPERATION**
[54] **SYSTEME INTEGRE DE REGULATION DU CONFORT THERMIQUE AVEC MODE DE FONCTIONNEMENT VARIABLE**
[72] JOHNSON, JERRILL SCOTT, US
[72] REED, ALEX CHRISTOPHER, US
[72] BORDERS, MARCUS LANDON, US
[72] LESSER, THOMAS JAMES, US
[72] FIZER, JASON HUNT, US
[72] TUCKER, ADAM GLENN, US
[72] HARPER, STEPHEN ALEXANDER, US
[72] NOBEL, ERNEST JOHN, MY
[72] TAN, KEN SIONG, MY
[72] LING, JON JET, MY
[72] CHAN, SENG RUI, MY
[71] DELTA T CORPORATION, US
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[54] **BACILLUS LICHENIFORMIS RTI184 COMPOSITIONS AND METHODS OF USE FOR BENEFITING PLANT GROWTH**
[54] **COMPOSITIONS DE BACILLUS LICHENIFORMIS RTI184 ET LEURS PROCEDES D'UTILISATION POUR FAVORISER LA CROISSANCE DES PLANTES**
[72] TAGHAVI, SAFIYH, US
[72] VAN DER LELIE, DANIEL, US
[72] LEE, JAEHEON, US
[71] FMC CORPORATION, US
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[54] **ACCUMULATION AND MELT TRAY ASSEMBLY FOR A DISTILLATION TOWER**
[54] **ENSEMBLE PLATEAU D'ACCUMULATION ET DE FUSION POUR UNE TOUR DE DISTILLATION**
[72] URBANSKI, NICHOLAS F., US
[72] CASSIMERE, BRANDON, US
[72] DENTON, ROBERT D., US
[72] PON, WAYNE S., CA
[71] EXXONMOBIL UPSTREAM RESARCH COMPANY, US
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[54] **METHODS OF TREATING RETINAL DISEASES**
[54] **PROCEDES DE TRAITEMENT DE MALADIES RETINIENNES**
[72] BANIN, EYAL, IL
[72] REUBINOFF, BENJAMIN EITHAN, IL
[72] BOHANA-KASHTAN, OSNAT, IL
[72] NETZER, NIR, IL
[72] IRVING, CHARLES SHERARD, IL
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[54] **SENSITIVE DC CURRENT IMBALANCE DETECTOR AND CALIBRATION METHOD**
[54] **DETECTEUR DE DESEQUILIBRE DE COURANT CC SENSIBLE ET PROCEDE D'ETALONNAGE**
[72] TOMKINS, KENNETH, GB
[71] SONDEX WIRELINE LIMITED, GB
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[54] **FREIN DE TURBINE SOUS-MARINE AMELIORE**
[72] BETSCHART, MICHAEL, GB
[71] ANDRITZ HYDRO HAMMERFEST (UK) LIMITED, GB
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[54] **RECEPTEURS CHIMERIQUES ET UTILISATIONS DE CEUX-CI EN THERAPIE IMMUNITAIRE**
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[72] MCGINNESS, KATHLEEN, US
[71] UNUM THERAPEUTICS, US
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[25] EN
[54] **METHOD OF CONSTRUCTION OF A WALL HEATING PANEL AND A WALL HEATING PANEL**
[54] **PROCEDE DE CONSTRUCTION D'UN PANNEAU CHAUFFANT MURAL, ET PANNEAU CHAUFFANT MURAL**
[72] WOJCIK, PWEL, PL
[72] WOJCIK, JANUSZ, PL
[72] WOJCIK, MAREK, PL
[71] WOJCIK, PWEL, PL
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[54] **SOUS-ENSEMBLE CENTREUR TOURNE VERS LE BAS**
[72] ROGER, GREG P., US
[72] MUSSELWHITE, JEFF, US
[72] LIRETTE, BRENT JAMES, US
[72] LEVIE, IAIN, US
[71] ANTELOPE OIL TOOL & MFG. CO., LLC, US
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[54] **A COMPOSITE AIRFOIL WITH FUSE ARCHITECTURE**
[54] **SURFACE PORTANTE COMPOSITE A ARCHITECTURE FUSIBLE**
[72] KRAY, NICHOLAS JOSEPH, US
[72] BUDUMURU, KISHORE, IN
[72] JAIN, NITESH, IN
[72] SCHNEIDER, MICHAEL HARVEY, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. C08L 101/02 (2006.01) C08L 101/12 (2006.01)**
[25] EN
[54] **IMPROVING LOW TEMPERATURE STABILITY OF FLUID FLOW IMPROVERS**
[54] **AMELIORATION DE LA STABILITE A BASSE TEMPERATURE D'AGENTS AMELIORANT L'ECOULEMENT DE FLUIDE**
[72] DRUMMOND, GRAHAM ROBERT, US
[72] DESHPANDE, PRADYUMNA AVINASH, US
[72] KHANDEKAR, CHANDRASHEKHAR YESHWANT, US
[71] M-I L.L.C., US
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[25] EN
[54] **SYNERGISTIC RUST INHIBITOR COMBINATION FOR LUBRICATING GREASE**
[54] **COMBINAISON SYNERGIQUE INHIBITRICE DE ROUILLE POUR UNE GRAISSE LUBRIFIANTE**
[72] CAPITOSTI, SCOTT, US
[71] THE LUBRIZOL CORPORATION, US
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[54] **METHODS FOR TREATING GLASS ARTICLES**
[54] **PROCEDES POUR LE TRAITEMENT D'ARTICLES EN VERRE**
[72] GAYLO, KEITH RAYMOND, US
[72] KLINGENSMITH, LEWIS KIRK, US
[72] SCHAUT, ROBERT ANTHONY, US
[72] TIETJE, STEVEN ALVIN, US
[71] CORNING INCORPORATED, US
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[54] **METHODS FOR THERMALLY TREATING GLASS ARTICLES**
[54] **PROCEDES DE TRAITEMENT THERMIQUE D'ARTICLES EN VERRE**
[72] ELLISON, ADAM JAMES, US
[72] KICZENSKI, TIMOTHY JAMES, US
[72] MORRIS, STEPHANIE LYNN, US
[72] SCHAUT, ROBERT ANTHONY, US
[72] TIETJE, STEVEN ALVIN, US
[71] CORNING INCORPORATED, US
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[51] **Int.Cl. F25J 3/02 (2006.01)**
[25] EN
[54] **REDUCING REFRIGERATION AND DEHYDRATION LOAD FOR A FEED STREAM ENTERING A CRYOGENIC DISTILLATION PROCESS**
[54] **REDUCTION D'UNE CHARGE DE REFRIGERATION ET DE DESHYDRATATION POUR UN FLUX D'ALIMENTATION ENTRANT DANS UN PROCESSUS DE DISTILLATION CRYOGENIQUE**
[72] NAGAVARAPU, ANANDA K., US
[72] NORTHROP, SCOTT P., US
[72] DENTON, ROBERT D., US
[72] VALENCIA, JAIME A., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[51] **Int.Cl. C08F 4/649 (2006.01) C08F 10/00 (2006.01)**
[25] EN
[54] **CATALYST SYSTEMS, OLEFIN POLYMERIZATION CATALYST COMPONENTS COMPRISING AT LEAST AN INTERNAL ELECTRON DONOR COMPOUND, AND METHODS OF MAKING AND USING THE SAME**
[54] **SYSTEMES DE CATALYSEUR, COMPOSANTS DE CATALYSEUR DE POLYMERISATION D'OLEFINES COMPRENANT AU MOINS UN COMPOSE DONNEUR D'ELECTRONS INTERNE, ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] NGUYEN, BINH THANH, US
[72] FERNANDES, JONAS ALVES, US
[71] W.R. GRACE & CO. -CONN., US
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[54] **PROFIL AERODYNAMIQUE COMPOSITE CASSANT**
[72] ZATORSKI, DAREK TOMASZ, US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[72] PRENTICE, IAN FRANCIS, US
[72] VONDRELL, RANDY M., US
[72] HUMBLE, RAYMOND ANTHONY, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **FLUID PUMP ASSEMBLY AND LOADING OF SAME INTO A FLUID DELIVERY SYSTEM**
[54] **ENSEMBLE POMPE ET SON CHARGEMENT DANS UN SYSTEME D'ADMINISTRATION DE FLUIDE**
[72] AMBROSINA, JESSE E., US
[72] POWERS, BENJAMIN G., US
[71] IVENIX, INC., US
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[54] **VISCOSITY MEASUREMENT**
[54] **MESURE DE LA VISCOSITE**
[72] GAJJI, BHARGAV, US
[72] BHAIDASNA, KETAN CHIMANLAL, US
[72] MORGAN, RICHARD GARY, US
[72] SISTA, SUBRAHMANYAM SURYA VENKATA, IN
[72] SRINIVASA RAO, CHATTI, IN
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[25] EN
[54] **SUBSEA SYSTEM FOR THE INSTALLATION, SUSPENSION AND REMOVAL OF PRODUCTION AND PROCESSING EQUIPMENT**
[54] **SYSTEME SOUS-MARIN POUR L'INSTALLATION, LA SUSPENSION ET LE RETRAIT D'EQUIPEMENT DE PRODUCTION ET DE TRAITEMENT**
[72] LI, ZHEN, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-06-30
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[25] EN
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[54] **CYCLE DE RANKINE ORGANIQUE A PRESSION MULTIPLE**
[72] FREUND, SEBASTIAN WALTER, DE
[72] HUCK, PIERRE SEBASTIEN, DE
[71] NUOVO PIGNONE TECHNOLOGIE S.R.L., IT
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[51] **Int.Cl. F04D 17/12 (2006.01) F04D 29/58 (2006.01) F04D 31/00 (2006.01)**
[25] EN
[54] **WET GAS COMPRESSION**
[54] **COMPRESSION DE GAZ HUMIDE**
[72] MATHEIDAS, MICHAEL T., US
[72] UPTIGROVE, STANLEY O., MY
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-06-30
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[51] **Int.Cl. G03F 1/00 (2012.01) G02B 3/00 (2006.01) G03F 7/26 (2006.01)**
[25] EN
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[54] **PHOTOMASQUE D'AMPLITUDE MULTI-TONALITE**
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[72] PARKER, JULIE, US
[71] MARSUPIAL HOLDINGS LLC, US
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[25] EN
[54] **MACHINE LEARNING-BASED FAULT DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE PANNES PAR APPRENTISSAGE AUTOMATIQUE**
[72] GEORGESCU, MICHAEL VINCENT, US
[72] MEZIC, IGOR, US
[72] PESCHIERA, GABRIEL SEBASTIAN, US
[72] KASPER, DONALD WILLIAM, III, US
[72] LOIRE, SOPHIE MARIE LOUISE, US
[71] ECORITHM, INC., US
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[54] **APPAREIL DE PONT MOBILE**
[72] TOTHILL, IAN EDWARD, GB
[72] DAVIS, TIMOTHY JOHN, GB
[71] BAE SYSTEMS PLC, GB
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[54] **APPAREIL POUR CHAUFFER UN ALIMENT**
[72] MOUGHTON, COLIN, GB
[71] STRIX LIMITED, GB
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[54] **CAPTEURS INDUCTIFS DE DEPLACEMENT**
[72] MANIOULOUX, YOHAN, FR
[72] REGACHE, PASCAL, FR
[71] HUTCHINSON, FR
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[54] **CAPTEURS INDUCTIFS DE DEPLACEMENT**
[72] MANIOULOUX, YOHAN, FR
[72] LEBEDEV, GOR, FR
[71] HUTCHINSON, FR
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[54] **ROULEMENT COMPRENANT UN CAPTEUR DE DEPLACEMENT ANGULAIRE**
[72] MANIOULOUX, YOHAN, FR
[72] LEBEDEV, GOR, FR
[71] HUTCHINSON, FR
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[54] **CAPTEURS INDUCTIFS DE DEPLACEMENT**
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[25] FR
[54] **SYSTEM FOR RECOVERING EXHAUST GAS ENERGY**
[54] **SYSTEME DE RECUPERATION D'ENERGIE DE GAZ D'ECHAPPEMENT**
[72] DESCUBES, OLIVIER, PIERRE, FR
[72] BEDRINE, OLIVIER, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[54] **MIXED COUPLING BETWEEN A QUBIT AND RESONATOR**
[54] **COUPLAGE MIXTE ENTRE UN BIT QUANTIQUE ET UN RESONATEUR**
[72] NAAMAN, OFER, US
[72] KEANE, ZACHARY KYLE, US
[72] FERGUSON, DAVID GEORGE, US
[72] STRAND, JOEL D., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
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[54] **ENVIRONMENTAL SCENE CONDITION DETECTION**
[54] **DETECTION DE CONDITION DE SCENE ENVIRONNEMENTALE**
[72] ZHONG, XIN, US
[72] GUO, FENG, US
[72] XU, SHILI, US
[72] REN, JIANFENG, US
[72] YANG, YANG, US
[72] GAO, DASHAN, US
[72] YANG, RUIDUO, US
[72] BISWAS, MAINAK, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **FACILITATING SENDING, RECEIVING, AND UPDATING OF PAYMENTS USING MESSAGE AND PAYMENT QUEUES**
[54] **FACILITATION DE L'EMISSION, DE LA RECEPTION ET DE L'ACTUALISATION DE PAIEMENTS A L'AIDE DE FILES D'ATTENTE DE MESSAGES ET DE PAIEMENTS**
[72] MOORE, STEPHEN DAVIS, US
[72] YU, XUNJIE, US
[72] SARNOFF, AARON ALEXANDER, US
[72] FEIN, JEREMY DAVID, US
[71] FACEBOOK, INC., US
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[54] **DRYWALL CONSTRUCTION FOR RESONANCE SOUND ABSORPTION**
[54] **CONSTRUCTION DE CLOISON SECHE POUR ABSORPTION ACOUSTIQUE DE RESONANCE**
[72] GNUTIK, ANDREY, RU
[71] KNAUF GIPS KG, DE
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[54] **METHOD, SYSTEM AND NON-TRANSITORY COMPUTER-READABLE MEDIUM FOR FORMING A SEISMIC IMAGE OF A GEOLOGICAL STRUCTURE**
[54] **PROCEDE, SYSTEME ET SUPPORT NON TRANSITOIRE LISIBLE PAR ORDINATEUR POUR FORMER UNE IMAGE SISMIQUE D'UNE STRUCTURE GEOLOGIQUE**
[72] WANG, MEIXIA, CN
[72] XU, SHENG, US
[71] STATOIL (BEIJING) TECHNOLOGY SERVICES CO, LTD., CN
[71] STATOIL GULF SERVICES LLC, US
[85] 2017-07-07
[86] 2015-04-28 (PCT/EP2015/059139)
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[25] EN
[54] **PROJECTING CONTAINMENT FORCE FOR LOAD WRAPPING APPARATUS**
[54] **CALCUL PAR PROJECTION DE LA FORCE DE CONFINEMENT POUR DISPOSITIF DE BANDEROLAGE DE CHARGE**
[72] LANCASTER, PATRICK R., III., US
[72] MITCHELL, MICHAEL P., US
[71] LANTECH.COM, LLC, US
[85] 2017-04-07
[86] 2015-10-07 (PCT/US2015/054564)
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[25] EN
[54] **METHOD AND SYSTEM FOR ESTIMATING AN INPUT SPECTRUM FROM SENSOR DATA**
[54] **PROCEDE ET SYSTEME D'ESTIMATION DE SPECTRE D'ENTREE A PARTIR DE DONNEES DE CAPTEUR**
[72] LIVENS, STEFAN, BE
[71] VITO NV, BE
[85] 2017-07-07
[86] 2016-02-03 (PCT/EP2016/052313)
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[54] **MULTI-CARRIAGE IMPEDANCE TUNER WITH SINGLE LEAD SCREW**
[54] **SYNTONISEUR D'IMPEDANCE MULTI-CHARIOT A VIS MERE UNIQUE**
[72] LEE, BYUNG, US
[72] SIMPSON, GARY R., US
[72] PADMANABHAN, SATHYA, US
[71] MAURY MICROWAVE, INC., US
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[86] 2015-05-29 (PCT/US2015/033250)
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[54] **IMPEDANCE TUNERS WITH POSITION FEEDBACK**
[54] **SYNTONISEURS D'IMPEDANCE A RETROACTION DE POSITION**
[72] LEE, BYUNG, US
[72] SIMPSON, GARY R., US
[72] PADMANABHAN, SATHYA, US
[71] MAURY MICROWAVE, INC., US
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[25] EN
[54] **HYBRID HUMAN AND COMPUTER-ASSISTED CODING WORKFLOW**
[54] **FLUX DE TRAVAUX A CODAGE HYBRIDE ASSISTE PAR ORDINATEUR ET PAR L'HOMME**
[72] KOLL, DETLEF, US
[72] FINKE, MICHAEL, US
[72] MCKENNA, JOHN, US
[72] NICHOLS, DEREK, US
[71] MMODAL IP LLC, US
[85] 2017-07-07
[86] 2016-03-09 (PCT/US2016/021531)
[87] (WO2016/149003)
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[25] EN
[54] **WIND POWER PLANT FOUNDATION AND WIND POWER PLANT**
[54] **SOCLE D'EOLIENNE ET EOLIENNE**
[72] BERAMENDI ORTEGA, HUGO RODRIGO, DE
[72] RANDEL, BRITTA, DE
[72] KERSTEN, ROY, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[25] EN
[54] **PERSPECTIVE-BASED MODELING OF A SUBTERRANEAN SPACE**
[54] **MODELISATION D'UN ESPACE SOUTERRAIN BASEE SUR LA PERSPECTIVE**
[72] JAMISON, DALE E., US
[72] WILLIAMS, ROBERT L., US
[72] BAR, AMIR, US
[72] YARUS, JEFFREY MARC, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **AUTOMATIC DETECTION OF LOGOS IN VIDEO SEQUENCES**
[54] **DETECTION AUTOMATIQUE DE LOGOS DANS DES SEQUENCES VIDEO**
[72] LI, RENXIANG, US
[72] ISHTIAQ, FAISAL, US
[71] ARRIS ENTERPRISES LLC, US
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[25] EN
[54] **METHOD FOR FILLING THE POCKETS OF A TRANSPORT DEVICE IN THE FORM OF A SUSPENSION CONVEYOR AND DEVICE FOR CARRYING OUT SAID METHOD**
[54] **PROCEDE POUR REMPLIR LES POCHES D'UN DISPOSITIF DE TRANSPORT SOUS LA FORME D'UN CONVOYEUR AERIEN ET DISPOSITIF POUR LA MISE EN □UVRE DE CE PROCEDE**
[72] FENILE, ROBERTO, CH
[72] KALIN, ERICH, CH
[71] FERAG AG, CH
[85] 2017-07-11
[86] 2016-01-07 (PCT/EP2016/050160)
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[54] **LIGHT UNIT FOR COUNTING SEA LICE**
[54] **UNITE D'ECLAIRAGE POUR LE COMPTAGE DE POUX DU POISSON**
[72] TANASE, CRISTINA, NL
[72] TEUNISSEN, CORNELIS, NL
[71] PHILIPS LIGHTING HOLDING B.V., NL
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[51] **Int.Cl. G06Q 20/40 (2012.01)**
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[54] **METHOD AND SYSTEM FOR RETRY PROCESSING OF CONTROLLED PAYMENT TRANSACTIONS**
[54] **PROCEDE ET SYSTEME POUR LE TRAITEMENT DE REESSAI DE TRANSACTIONS DE PAIEMENT COMMANDEES**
[72] BLINOV, MIKHAIL, IE
[72] COBURN, GREGORY, IE
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-07-11
[86] 2016-01-12 (PCT/US2016/012946)
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[54] **LIGHT GUIDE BLOCK HAVING A LUMINOUS FRAME**
[54] **BLOC PHOTOCONDUCTEUR A CADRE LUMINEUX**
[72] CHRISTANDL, DIETER, AT
[72] CHRISTANDL, JOSEF, AT
[72] HOFER, ROBERT, AT
[72] HAIDER, ALEXANDER, AT
[72] FISCHER, OLIVER, AT
[71] CHRISTANDL, DIETER, AT
[71] CHRISTANDL, JOSEF, AT
[71] HOFER, ROBERT, AT
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[54] **VAPOUR PROVISION SYSTEM AND CARTRIDGE THEREFOR**
[54] **SYSTEME DE FOURNITURE DE VAPEUR ET CARTOUCHE CORRESPONDANTE**
[72] EWING, MARK PATRICK CAMPBELL, GB
[72] SEAWARD, DAVID ROBERT, GB
[72] JEZEQUEL, ALEXANDRE JULIEN, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
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[54] **SPREADING APPARATUS**
[54] **DISPOSITIF D'EPANDAGE**
[72] BACHMANN, ULI, DE
[71] REDEXIM HANDEL- EN EXPLOITATIE MAATSCHAPPIJ B.V., NL
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[54] **GROOMING TOOL FOR PETS**
[54] **OUTIL DE TOILETTAGE POUR ANIMAUX DE COMPAGNIE**
[72] HARRIS, MARK, AU
[71] NESTEC S.A., CH
[85] 2017-07-13
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[25] EN
[54] **GARMENT WITH ANATOMICAL BELT FOR THE LOWER BODY**
[54] **VETEMENT AVEC CEINTURE ANATOMIQUE POUR LE CORPS INFERIEUR**
[72] VIAU, NICOLAS, FR
[72] MASSOTTE, LAURENT, FR
[72] FORESTIER, PASCAL, FR
[71] HANES OPERATIONS EUROPE SAS, FR
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[25] EN
[54] **APPLICATION UNLOCK USING A CONNECTED PHYSICAL DEVICE AND TRANSFER OF DATA THEREBETWEEN**
[54] **DEVERROUILLAGE D'APPLICATION AU MOYEN D'UN DISPOSITIF PHYSIQUE, ET TRANSFERT DE DONNEES ENTRE CES ELEMENTS**
[72] ZIEGLER, DOMINIK, CH
[72] MULLER, MANFRED, CH
[71] NOVARTIS AG, CH
[85] 2017-07-13
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[25] EN
[54] **FIREWOOD HANDLING DEVICE**
[54] **DISPOSITIF DE MANUTENTION DU BOIS DE CHAUFFAGE**
[72] ALEXANDERSON, LARS, SE
[71] LOGCON HORTINORR AB, EE
[85] 2017-07-13
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[25] EN
[54] **CONTROLLED GERMINATION APPARATUS**
[54] **APPAREIL DE GERMINATION GERE PAR ORDINATEUR**
[72] REDDING, WILLIAM D., US
[72] CARPENTER, WAYNE E., US
[71] SALISH COAST ENTERPRISES, INC., US
[85] 2017-07-13
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[25] EN
[54] **RECOVERY EXECUTION SYSTEM USING PROGRAMATIC GENERATION OF ACTIONABLE WORKFLOWS**
[54] **SYSTEME D'EXECUTION DE RECUPERATION PAR GENERATION PROGRAMMATIQUE DE FLUX DE TRAVAUX EXPLOITABLES**
[72] RAY, KAUSHIK, US
[71] SUNGARD AVAILABILITY SERVICES, LP, US
[85] 2017-07-13
[86] 2016-02-26 (PCT/US2016/019687)
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[25] EN
[54] **FLUX CONTROL OF QUBIT UNDER RESONANT EXCITATION**
[54] **REGULATION DE FLUX D'UN QUBIT DANS LE CONTEXTE D'UNE EXCITATION DE RESONANCE**
[72] MEDFORD, JAMES R., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2017-07-17
[86] 2016-02-04 (PCT/US2016/016625)
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[30] US (14/616,473) 2015-02-06

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[25] EN
[54] **ROD SUSPENSION SYSTEM FOR INTEGRATED WELLHEAD**
[54] **SYSTEME DE SUSPENSION DE TIGE POUR TETE DE PUITS INTEGREE**
[72] ROBISON, CLARK E., US
[72] TRAPANI, JAMES S., US
[72] THOMAS, BENSON, US
[72] BROSCH, KYLE C., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **DISPOSITIF D'ETANCHEITE A COUSSIN DE FLUIDE**
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[25] EN
[54] **A FOUNDATION PILE, A GROUTING METHOD FOR THE SAID PILE AND A MANUFACTURING METHOD THEREFOR**
[54] **PIEU POUR FONDATION, PROCEDE D'INJECTION DUDIT PIEU ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] RUIZ TERAN, PABLO, ES
[72] ARCOS ALVAREZ, JOSE LUIS, ES
[72] GIL LABLANCA, RAFAEL, ES
[72] CANO BARREIRO, CARLOS, ES
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[54] **CONJUGUE DE COPOLYMERE SEQUENCE D'UNE SUBSTANCE PHYSIOLOGIQUEMENT ACTIVE**
[72] ONDA, TAKESHI, JP
[72] MASUDA, AKIRA, JP
[72] YAMAKAWA, KEN, JP
[72] TOMIYAMA, CHISATO, JP
[72] YONETA, YASUSHI, JP
[72] AKATSU, YUICHI, JP
[72] YAMAMOTO, KEIICHIROU, JP
[72] MOCHIZUKI, AYAKA, JP
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[54] **DISPOSITIF DE POSE ET METHODE DE POSE**
[72] LONGO, MICHAEL, US
[72] EVANS, DOUGLAS, US
[72] HARRISON, WILLIAM JAMES, US
[71] INTACT VASCULAR, INC., US
[85] 2017-07-25
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[54] **PROCEDE DE FABRICATION DE LACTIDE**
[72] GROOT, WIM JACOB, NL
[72] VAN KRIEKEN, JAN, NL
[72] DEKIC ZIVKOVIC, TANJA, NL
[72] DE HAAN, ANDRE BANIER, NL
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[25] EN
[54] **STANDPIPE-FLUID BED HYBRID SYSTEM FOR CHAR COLLECTION, TRANSPORT, AND FLOW CONTROL**
[54] **SYSTEME HYBRIDE A LIT FLUIDE DE COLONNE MONTANTE POUR LA COLLECTE, LE TRANSPORT ET LA REGULATION DE DEBIT DE RESIDUS DE CARBONISATION**
[72] TSANG, ALBERT C., US
[71] LUMMUS TECHNOLOGY INC., US
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[54] **SYSTEM AND METHOD FOR NON-INVASIVE BLOOD PRESSURE MEASUREMENT**
[54] **SYSTEME ET PROCEDE DE MESURE NON INVASIF DE LA PRESSION SANGUINE**
[72] ABU-TARIF, ASAD, US
[72] SHEN, GONGYU, US
[72] PISOLKAR, TANVI, US
[72] ZHANG, RUOMEI, US
[71] MIDMARK CORPORATION, US
[85] 2017-07-27
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[25] FR
[54] **SYSTEM FOR CONTROLLING AT LEAST ONE ELECTRONIC DETONATOR**
[54] **SYSTEME DE COMMANDE D'AU MOINS UN DETONATEUR ELECTRONIQUE**
[72] GUYON, FRANCK, FR
[71] DAVEY BICKFORD, FR
[85] 2017-07-28
[86] 2016-02-29 (PCT/FR2016/050451)
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[25] EN
[54] **RF ENERGY ENABLED TISSUE DEBRIDEMENT DEVICE**
[54] **DISPOSITIF DE DEBRIDEMENT DE TISSU ACTIVE PAR ENERGIE RF**
[72] PRISCO, JOHN R., US
[72] DETMERS, ERIC P., US
[72] LI, WENJENG, US
[72] LITTLE, DAVID J., US
[72] RICHART, PATRICK, US
[72] VALDEZ, JOSE, US
[71] MEDTRONIC XOMED, INC., US
[85] 2017-07-28
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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 33/16 (2006.01) E21B 47/12 (2012.01) E21B 33/14 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **PLUG TRACKING USING PIEZO ELECTRIC PULSE SIGNALING**
[54] **SUIVI DE BOUCHON UTILISANT LA SIGNALISATION PAR IMPULSION PIEZOELECTRIQUE**
[72] COSS, GABRIEL, US
[72] BUDLER, NICHOLAS F., US
[72] STAIR, TODD A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **SPINAL SUBPIAL GENE DELIVERY SYSTEM**
[54] **SYSTEME DE DELIVRANCE DE GENES SOUS-PIAL SPINAL**
[72] MARSALA, MARTIN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-07-31
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[30] US (62/110,340) 2015-01-30

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[13] A1
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[54] **ASSISTANCE ON THE GO**
[54] **ASSISTANCE EN DEPLACEMENT**
[72] WASSERMAN, ROBERT, US
[72] CAVALLARO KOZLOWSKI, TARA, US
[72] BRIGGS, RYAN M., US
[72] IQBAL, IMRAN, US
[71] ALLSTATE INSURANCE COMPANY, US
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[25] EN
[54] **VENOUS ELECTRICAL STIMULATION APPARATUS AND METHODS AND USES THEREOF**
[54] **APPAREIL DE STIMULATION VEINEUSE ELECTRIQUE ET PROCEDES ET UTILISATIONS DE CELUI-CI**
[72] PHILLIPS, DAVID BRUCE, US
[71] NOVINTUM MEDICAL TECHNOLOGY GMBH, CH
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[25] EN
[54] **DIMERIC COLLAGEN HYBRIDIZING PEPTIDES AND METHODS OF USING**
[54] **PEPTIDES D'HYDRIDATION AVEC DU COLLAGENE DIMERE ET PROCEDES D'UTILISATION**
[72] KESSLER, JULIAN, US
[72] YU, S. MICHAEL, US
[72] LI, YANG, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
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[25] EN
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[54] **7-BENZYL-4-(2-METHYLBENZYL)-2,4,6,7,8,9-HEXAHYDROIMIDAZO[1,2-A]PYRIDO[3,4-E]PYRIMIDIN-5(1H)-ONE, ANALOGUES ET SELS DE CE COMPOSE ET LEUR UTILISATION EN THERAPIE**
[72] STOGNIEW, MARTIN, US
[72] ALLEN, JOSHUA E., US
[72] POTTORF, RICHARD S., US
[72] NALLAGANCHU, BHASKARA RAO, US
[72] OLSON, GARY L., US
[72] SUN, YANJUN, US
[71] ONCOCEUTICS, INC., US
[71] PROVID PHARMACEUTICALS INC., US
[85] 2017-07-31
[86] 2016-01-29 (PCT/US2016/015817)
[87] (WO2016/123571)
[30] US (62/109,737) 2015-01-30
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[51] **Int.Cl. D21H 21/16 (2006.01) B65D 5/42 (2006.01)**
[25] EN
[54] **MOISTURE RESISTANT BIODEGRADABLE COMPOSITION**
[54] **COMPOSITION BIODEGRADABLE RESISTANT A L'HUMIDITE**
[72] WYATT, THOMAS JONATHAN JACKSON, CA
[72] WYATT, AUBREY BAILEY MORGAN, CA
[71] AUTOM RIVER INC., CA
[85] 2017-08-01
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[25] EN
[54] **PROTEIN ASSOCIATED WITH DISEASE RESISTANCE AND ENCODING GENE THEREOF, AND USE THEREOF IN REGULATION OF PLANT DISEASE RESISTANCE**
[54] **PROTEINE ASSOCIEE A LA RESISTANCE AUX MALADIES ET GENE CODANT POUR CETTE DERNIERE, ET UTILISATION DE LADITE PROTEINE ET LEDIT GENE POUR REGULER LA RESISTANCE DES PLANTES AUX MALADIES**
[72] QI, JUNSHENG, CN
[72] GONG, ZHIZHONG, CN
[72] HONG, XUHUI, CN
[71] CHINA AGRICULTURAL UNIVERSITY, CN
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[25] EN
[54] **METALLO-SILICATE CATALYST (MSC) COMPOSITIONS, METHODS OF PREPARATION AND METHODS OF USE IN PARTIAL UPGRADING OF HYDROCARBON FEEDSTOCKS**
[54] **COMPOSITIONS DE CATALYSEUR METALLO-SILICATE (MSC), PROCEDES DE PREPARATION ET PROCEDES D'UTILISATION DANS UNE VALORISATION PARTIELLE DE CHARGES D'ALIMENTATION D'HYDROCARBURES**
[72] PEREIRA-ALMAO, PEDRO RAFAEL, CA
[72] VITALE-ROJAS, GERARDO, CA
[72] PEREZ ZURITA, MARIA JOSEFINA, CA
[72] CARBOGNANI, LANTE ANTONIO, CA
[72] SMITH, RONALD SCOTT, CA
[72] SOSA, CLEMENTINA, CA
[71] PC-CUPS LTD., CA
[71] CENOVUS ENERGY INC., CA
[85] 2017-08-01
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[54] **TETERELLE**
[72] RIGERT, MARIO, CH
[72] KAPPELI, DANIELA, CH
[72] SCHLIENGER, ANDRE, CH
[71] MEDELA HOLDING AG, CH
[85] 2017-08-01
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[25] EN
[54] **DEVICES AND METHODS FOR ULTRASOUND IMAGING**
[54] **DISPOSITIFS ET PROCEDES POUR IMAGERIE A ULTRASONS**
[72] CHUMO, BENEDICTA, US
[72] KNAKE, MOLLIE, US
[72] KERR, SHAWN, US
[72] BRANDON, ALISSA, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2017-07-31
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[25] EN
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[54] **OUTIL ROTATIF DE FOND DE TROU**
[72] SMITH, HAYDN G., GB
[72] WATSON, GRAHAM RICHARD, GB
[71] NOV DOWNHOLE EURASIA LIMITED, GB
[85] 2017-08-01
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[25] EN
[54] **TREATMENT OF HYPOPARATHYROIDISM**
[54] **TRAITEMENT DE L'HYPOPARATHYROIDIE**
[72] BURSHTEIN, GREGORY, IL
[72] ROTHNER, ARIEL, IL
[72] SCHWARTZ, PHILLIP M., IL
[72] GALITZER, HILLEL, IL
[71] ENTERA BIO LTD., IL
[85] 2017-08-01
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[30] US (62/113,619) 2015-02-09
[30] US (62/113,625) 2015-02-09
[30] US (62/113,638) 2015-02-09
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[30] US (62/113,600) 2015-02-09

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[51] **Int.Cl. C03C 27/12 (2006.01) B32B 7/02 (2006.01) B32B 17/10 (2006.01) B32B 27/22 (2006.01) B32B 27/30 (2006.01)**
[25] EN
[54] **LAMINATED-GLASS INTERLAYER AND LAMINATED GLASS**
[54] **COUCHE INTERMEDIAIRE POUR VERRE FEUILLETE ET VERRE FEUILLETE**
[72] IWAMOTO, TATSUYA, JP
[72] MINAKUCHI, NAMI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-08-01
[86] 2016-02-05 (PCT/JP2016/053519)
[87] (WO2016/125894)
[30] JP (2015-021626) 2015-02-05
[30] JP (2015-021627) 2015-02-05
[30] JP (2015-021628) 2015-02-05
[30] JP (2015-021629) 2015-02-05

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[51] **Int.Cl. C03C 27/12 (2006.01) B32B 7/02 (2006.01) B32B 27/20 (2006.01) B32B 27/30 (2006.01)**
[25] EN
[54] **INTERLAYER FILM FOR LAMINATED GLASS, AND LAMINATED GLASS**
[54] **FILM INTERMEDIAIRE POUR VERRE FEUILLETE ET VERRE FEUILLETE**
[72] IWAMOTO, TATSUYA, JP
[72] MINAKUCHI, NAMI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-08-01
[86] 2016-02-05 (PCT/JP2016/053520)
[87] (WO2016/125895)
[30] JP (2015-021626) 2015-02-05
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[30] JP (2015-021628) 2015-02-05
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[51] **Int.Cl. C07H 21/02 (2006.01) C12N 15/113 (2010.01) C12N 15/85 (2006.01)**
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[54] **MODULATORY POLYNUCLEOTIDES**
[54] **POLYNUCLEOTIDES MODULATEURS**
[72] HOU, JINZHAO, US
[72] NONNENMACHER, MATHIEU E., US
[72] ZHOU, PENGCHENG, US
[71] VOYAGER THERAPEUTICS, INC., US
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[86] 2015-11-13 (PCT/US2015/060564)
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[30] US (62/079,590) 2014-11-14
[30] US (62/212,004) 2015-08-31
[30] US (62/234,477) 2015-09-29

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[13] A1
[51] **Int.Cl. G06K 19/00 (2006.01)**
[25] EN
[54] **EARLY WARNING SYSTEM FOR ROAD, RUNWAY, AND RAILWAY FAILURES**
[54] **SYSTEME D'ALERTE PRECOCE POUR DEFAILLANCES DE ROUTES, PISTES ET VOIES FERREES**
[72] RUDAHL, KURT, US
[72] GOLDIN, SALLY, US
[71] RUDAHL, KURT, US
[71] GOLDIN, SALLY, US
[85] 2017-08-01
[86] 2015-01-27 (PCT/US2015/012971)
[87] (WO2015/116547)
[30] US (61/934,853) 2014-02-03
[30] US (14/467,069) 2014-08-25

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[13] A1
[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **BANDWIDTH AND LATENCY ESTIMATION IN A COMMUNICATION NETWORK**
[54] **ESTIMATION DE BANDE PASSANTE ET DE LATENCE DANS UN RESEAU DE COMMUNICATION**
[72] MACKAY, KENNETH J., CA
[71] DISTRIX NETWORKS LTD., CA
[85] 2017-08-01
[86] 2015-02-02 (PCT/US2015/014127)
[87] (WO2015/119895)
[30] US (61/935,483) 2014-02-04

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[13] A1
[51] **Int.Cl. C03C 27/12 (2006.01) B32B 7/02 (2006.01) B32B 27/20 (2006.01) B32B 27/30 (2006.01)**
[25] EN
[54] **INTERLAYER FILM FOR LAMINATED GLASS, AND LAMINATED GLASS**
[54] **FILM INTERMEDIAIRE POUR VERRE FEUILLETE ET VERRE FEUILLETE**
[72] IWAMOTO, TATSUYA, JP
[72] MINAKUCHI, NAMI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-08-01
[86] 2016-02-05 (PCT/JP2016/053521)
[87] (WO2016/125896)
[30] JP (2015-021626) 2015-02-05
[30] JP (2015-021627) 2015-02-05
[30] JP (2015-021628) 2015-02-05
[30] JP (2015-021629) 2015-02-05

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[25] EN
[54] **INTERLAYER FILM FOR LAMINATED GLASS, AND LAMINATED GLASS**
[54] **FILM INTERMEDIAIRE POUR VERRE FEUILLETE ET VERRE FEUILLETE**
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[72] IWAMOTO, TATSUYA, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
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[25] EN
[54] **COPOLYMER AND MEDICAL DEVICE, SEPERATION MEMBRANE MODULE FOR MEDICAL USE, AND BLOOD PURIFIER INCLUDING THE SAME**
[54] **COPOLYMERE ET DISPOSITIF MEDICAL, MODULE DE MEMBRANE DE SEPARATION DESTINE A UN USAGE MEDICAL ET PURIFICATEUR SANGUIN L'INTEGRANT**
[72] USHIRO, SUGURU, JP
[72] TAKAHASHI, HIROSHI, JP
[72] UENO, YOSHIYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
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[25] EN
[54] **WEB INTEGRATION, TIMING, ACCESS, AND DISTRIBUTION CONTROL**
[54] **COMMANDE D'INTEGRATION, DE SYNCHRONISATION, D'ACCES ET DE DISTRIBUTION INTERNET**
[72] STAKER, ALLAN ROBERT, US
[72] STAKER, HEATHER CLAYTON, US
[71] BRAIN CHASE PRODUCTIONS, LLC, US
[85] 2017-08-01
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[54] **A NASAL MEDICATION DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION D'UN MEDICAMENT NASAL**
[72] ATKINSON, HARTLEY CAMPBELL, NZ
[72] WOODHEAD, BRENDON JOHN, NZ
[71] AFT PHARMACEUTICALS LIMITED, NZ
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[54] **PATH OPTIMIZATION IN PRODUCTION NETWORK SYSTEMS**
[54] **OPTIMISATION DE TRAJECTOIRE DANS DES SYSTEMES DE RESEAU DE PRODUCTION**
[72] CARVAJAL, GUSTAVO, US
[72] QUERALES, MAIQUEL MANUEL, US
[72] MAUCEC, MARKO, US
[72] KNABE, STEVEN P., US
[71] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **TNFRSF-BINDING AGENTS AND USES THEREOF**
[54] **AGENTS DE LIAISON A LA TNFRSF ET LEURS UTILISATIONS**
[72] GURNEY, AUSTIN L., US
[71] ONCOMED PHARMACEUTICALS, INC., US
[85] 2017-08-01
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[54] **HYDRAULIC CONTROL OF DOWNHOLE TOOLS**
[54] **COMMANDE HYDRAULIQUE D'OUTILS DE FOND DE TROU**
[72] EVANS, JOHN GERARD, US
[72] DUNBAR, BRADLEY DAVID, US
[72] BRADFORD, WILLIAM BROWNING, US
[72] CAWTHON, DAVID WAYNE, US
[72] LASSOIE, JEAN-PIERRE, BE
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD OF TREATING DISEASES**
[54] **METHODE DE TRAITEMENT DE MALADIES**
[72] MAMLUK, RONI, IL
[71] CHIASMA INC., US
[85] 2017-08-01
[86] 2016-02-03 (PCT/US2016/016384)
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[54] **METHODS OF CANCER TREATMENT USING ACTIVATED T CELLS**
[54] **METHODES DE TRAITEMENT DU CANCER AU MOYEN DE CELLULES T ACTIVEES**
[72] ZHOU, XIANGJUN, CN
[72] LI, JIN, CN
[72] HAN, YANYAN, CN
[72] WU, DONGYUN, CN
[72] LIU, JUNYUN, CN
[72] TAO, RAN, CN
[72] TANG, LONGQING, CN
[71] SYZ CELL THERAPY CO., CN
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[25] EN
[54] **STIMULATION OF LIGHT TIGHT SHALE OIL FORMATIONS**
[54] **STIMULATION DE FORMATIONS D'HUILE DE SCHISTE ETANCHES**
[72] KUHLMAN, MYRON I., US
[71] WORLD ENERGY SYSTEMS INCORPORATED, US
[85] 2017-08-01
[86] 2016-02-05 (PCT/US2016/016857)
[87] (WO2016/127108)
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[25] EN
[54] **SYSTEM AND METHODS FOR MANAGING SIDE CHALLENGES BETWEEN USERS IN FANTASY GAMING**
[54] **SYSTEME ET PROCEDES POUR GERER DES DEFIS ALTERNATIFS ENTRE UTILISATEURS DANS UN JEU DE FICTION**
[72] KEHOE, DANIEL G., US
[71] ZCO, LLC, US
[85] 2017-08-01
[86] 2016-02-06 (PCT/US2016/016912)
[87] (WO2016/127148)
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[54] **TRANSPARENT TEMPLATE AND POSITIONING DEVICE WITH OVERLAPPING LINES FORMING A HALO EFFECT**
[54] **GABARIT TRANSPARENT ET DISPOSITIF DE POSITIONNEMENT AVEC LIGNES CHEVAUCHANTES FORMANT UN EFFET DE HALO**
[72] NORGARD, ELMER J., US
[71] RULERSMITH IP, INC., US
[85] 2017-08-01
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[54] **CRYSTALS OF ANTI-HUMAN PD-1 MONOCLONAL ANTIBODIES**
[54] **CRISTAUX D'ANTICORPS MONOCLONAUX ANTI-PD-1 HUMAINS**
[72] REICHERT, PAUL, US
[72] PROSISE, WINIFRED W., US
[72] SCAPIN, GIOVANNA, US
[72] YANG, XIAOYU, US
[72] KASHI, RAMESH, US
[72] STRICKLAND, COREY, US
[71] MERCK SHARP & DOHME CORP., US
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[54] **WHEEL FRAME COMPONENT**
[54] **COMPOSANT DE CHASSIS DE ROUE**
[72] MCKINNON, PETER, AU
[71] ROTACASTER WHEEL LIMITED, AU
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[25] EN
[54] **METHOD FOR CORRECTING TRANSLATIONAL MISALIGNMENT BETWEEN MALE AND FEMALE FASTENER MEMBERS**
[54] **PROCEDE POUR CORRIGER UN DEFAUT D'ALIGNEMENT DE TRANSLATION ENTRE DES ELEMENTS DE FIXATION MALE ET FEMELLE**
[72] GARVER, MICHAEL, US
[71] MATHREAD INCORPORATED, US
[85] 2017-08-01
[86] 2016-03-02 (PCT/US2016/020370)
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[25] EN
[54] **DISPENSING DEVICE WITH DRIVE MECHANISM HAVING CONVERGING RAMPS**
[54] **DISPOSITIF DE DISTRIBUTION COMPORTANT UN MECANISME D'ENTRAINEMENT COMPRENANT DES RAMPES CONVERGENTES**
[72] JUDSON, JARED A., US
[71] ELI LILLY AND COMPANY, US
[85] 2017-08-01
[86] 2016-03-10 (PCT/US2016/021647)
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[51] **Int.Cl. B26F 3/02 (2006.01) B32B 38/10 (2006.01) C09J 7/02 (2006.01)**
[25] EN
[54] **TAPE SYSTEM WITH A LONGITUDINAL FILAMENT FOR SLITTING FILM**
[54] **SYSTEME DE BANDE AYANT UN FILAMENT LONGITUDINAL DESTINE A FENDRE UN FILM**
[72] VANDENBERGHE, GARRY CYRILLE ALFRED, CA
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-08-02
[86] 2016-01-08 (PCT/CA2016/050018)
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[54] **GEAR-LEVER MECHANISM USING MESHING AND PUSHING TO ROTATE**
[54] **MECANISME DE LEVIER DE VITESSE UTILISANT LA MISE EN PRISE ET LA POUSSEE POUR PIVOTER**
[72] WANG, ZHILIN, CN
[71] WANG, ZHILIN, CN
[85] 2017-08-02
[86] 2016-02-02 (PCT/CN2016/073235)
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[25] EN
[54] **STABLE PHARMACEUTICAL SOLUTION FORMULATION OF GLP-1R ANTIBODY FUSION PROTEIN**
[54] **PREPARATION DE SOLUTION STABILISEE DE PROTEINE DE FUSION D'ANTICORPS GLP-1R PHARMACEUTIQUE**
[72] ZHANG, CHENG, CN
[72] ZHANG, HUA, CN
[72] FAN, KESUO, CN
[72] GUO, YONG, CN
[72] JING, SHUQIAN, CN
[71] GMAX BIOPHARM LLC., CN
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[86] 2016-02-03 (PCT/CN2016/073279)
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[30] CN (201510071304.1) 2015-02-11

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[54] **PIPE BRANCHING MANIFOLD AND METHOD OF OPERATING THE SAME**
[54] **COLLECTEUR DE RAMIFICATIONS DE TUYAUX ET SON PROCEDE DE FONCTIONNEMENT**
[72] JANSEN, JELTE ADRIAAN, NL
[71] MOKVELD VALVES B.V., NL
[85] 2017-08-02
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[25] FR
[54] **MIXER FOR DRAWING AND MIXING A SOLID PRODUCT WITH A LIQUID FROM A TANK OF A SPRAYER**
[54] **MELANGEUR POUR ASPIRER ET MELANGER UN PRODUIT SOLIDE AVEC UN LIQUIDE PROVENANT D'UNE CUVE DE PULVERISATEUR**
[72] CHAPRON, FABIEN, FR
[72] DARRIEUTORT, ANTHONY, FR
[71] EXEL INDUSTRIES, FR
[85] 2017-08-02
[86] 2016-02-10 (PCT/FR2016/050300)
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[25] EN
[54] **COMBINATIONS OF IRS/STAT3 DUAL MODULATORS AND ANTI-CANCER AGENTS FOR TREATING CANCER**
[54] **COMBINAISONS DE DOUBLES MODULATEURS D'IRS/STAT3 ET D'AGENTS ANTICANCEREUX POUR LE TRAITEMENT DU CANCER**
[72] REUVENI, HADAS, IL
[72] HAVIV, IZHAK, IL
[72] KUPERSHMIDT, LANA, IL
[71] TYRNOVO LTD., IL
[85] 2017-08-02
[86] 2016-02-04 (PCT/IL2016/050134)
[87] (WO2016/125169)
[30] US (62/112,257) 2015-02-05
[30] US (62/136,530) 2015-03-22

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[25] EN
[54] **FORMULATIONS FOR ORAL ADMINISTRATION OF ACTIVE AGENTS WITH CONTROLLED ABSORPTION PROFILE**
[54] **FORMULATIONS POUR L'ADMINISTRATION ORALE D'AGENTS ACTIFS AVEC PROFIL D'ABSORPTION CONTROLE**
[72] BURSHTEIN, GREGORY, IL
[72] ROTHNER, ARIEL, IL
[72] SCHWARTZ, PHILLIP M., IL
[72] GALITZER, HILLEL, IL
[71] ENTERA BIO LTD., IL
[85] 2017-08-02
[86] 2016-02-09 (PCT/IL2016/050153)
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[30] US (62/113,619) 2015-02-09
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[54] **COMPRESSION ACTIVATED BYPASS VALVE**
[54] **SOUPAPE DE DERIVATION ACTIVEE PAR COMPRESSION**
[72] BOUTIN, JACOB JAMES, US
[72] RUSSO, CHRISTOPHER DALE, US
[72] SANCHEZ, DANIEL AARON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEM AND METHOD FOR INTEGRITY TESTING OF FLEXIBLE CONTAINERS**
[54] **SYSTEME ET PROCEDE D'ESSAI D'INTEGRITE DE CONTENANTS FLEXIBLES**
[72] PROULX, STEPHEN, US
[72] PEARSONS, JEFFREY, US
[71] EMD MILLIPORE CORPORATION, US
[85] 2017-08-02
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[30] US (62/127,520) 2015-03-03

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[51] **Int.Cl. B62B 1/04 (2006.01)**
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[54] **FOLDING ASSEMBLIES WITH LOCKING MECHANISM**
[54] **ENSEMBLES PLIANTS A MECANISME DE VERROUILLAGE**
[72] TOM, WESLEY JAMES, US
[72] SEBER, BRETT PHILIP, US
[71] FIRSTEDGE, LLC, US
[85] 2017-08-02
[86] 2016-01-19 (PCT/US2016/013925)
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[25] EN
[54] **TERMINATION INSTALLATION METHOD FOR LONG CABLES**
[54] **PROCEDE POLYVALENT DE TERMINAISON DE CABLES LONGS**
[72] CAMPBELL, RICHARD V., US
[72] BULL, PHILLIP, US
[71] CAMPBELL, RICHARD V., US
[71] BULL, PHILLIP, US
[85] 2017-08-02
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[25] EN
[54] **CONTROLLED TRANSLATION METHOD OF AFFIXING A TERMINATION TO A TENSILE MEMBER**
[54] **PROCEDE DE TRANSLATION COMMANDEE DE FIXATION D'UNE TERMINAISON A UN ELEMENT DE TRACTION**
[72] CAMPBELL, RICHARD V., US
[72] GLADWIN, DAVID, US
[71] CAMPBELL, RICHARD V., US
[85] 2017-08-02
[86] 2016-01-22 (PCT/US2016/014469)
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[25] EN
[54] **IMPROVED COMFORT HEADBAND FOR HEARING PROTECTORS**
[54] **SERRE-TETE CONFORTABLE AMELIORE POUR PROTECTION AUDITIVE**
[72] ECHEVERRI, NICOLAS A., US
[72] FLETCHER, DOUGLAS D., US
[72] HEMBERG, OSCAR M., CN
[72] HEMBERG, ERIC O., CN
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-08-02
[86] 2016-01-27 (PCT/US2016/015021)
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[30] US (62/111,532) 2015-02-03

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[25] EN
[54] **ANTIMICROBIAL COMPOSITIONS**
[54] **COMPOSITIONS ANTIMICROBIENNES**
[72] BIRTIC, SIMONA, FR
[72] HEUDRE, MELANIE MARIE-PAULE PATRICIA, FR
[72] PIERRE, FRANCOIS-XAVIER HENRI, FR
[72] MESNIER, XAVIER PIERRE FRANCOIS, GB
[72] PASSEMARD, ANNE, FR
[72] BILY, ANTOINE CHARLES, FR
[72] ROLLER, MARC, FR
[71] NATUREX SA, FR
[85] 2017-08-02
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[25] EN
[54] **HEARING PROTECTOR WITH COMPARTMENT FOR RECHARGEABLE BATTERY PACK**
[54] **PROTECTEUR ANTIBRUIT AVEC COMPARTIMENT POUR BLOC DE BATTERIES RECHARGEABLES**
[72] FLETCHER, DOUGLAS D., US
[72] HEMBERG, OSCAR M., CN
[72] HEMBERG, ERIC O., CN
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-08-02
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[30] US (62/110,742) 2015-02-02

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[25] EN
[54] **TREATMENT OF OSTEOPOROSIS**
[54] **TRAITEMENT DE L'OSTEOPOROSE**
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[72] ROTHNER, ARIEL, IL
[72] SCHWARTZ, PHILLIP M., IL
[72] GALITZER, HILLEL, IL
[71] ENTERA BIO LTD., IL
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[72] GIEGEL, JOSHUA, US
[71] HYPERLOOP TECHNOLOGIES, INC, US
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[51] **Int.Cl. G06Q 50/24 (2012.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR INGESTIBLE EVENT SENSING AND ANALYSIS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR UNE DETECTION ET UNE ANALYSE D'EVENEMENT D'INGESTION**
[72] DOCHERTY, JOHN P., US
[72] HATCH, AINSLIE, US
[72] ROSS, RUTH, US
[72] VELLIGAN, DAWN I., US
[72] WEIDEN, PETER, US
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
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[25] EN
[54] **ALIPHATIC POLYESTER COMPOSITION, MOLDED PRODUCT, AND MANUFACTURING METHOD OF ALIPHATIC POLYESTER**
[54] **PROCEDES DE PRODUCTION DE COMPOSITION DE POLYESTER ALIPHATIQUE, OBJET MOULE, ET POLYESTER ALIPHATIQUE**
[72] SATO, HIROYUKI, JP
[72] WATANABE, TAKAHIRO, JP
[72] KOBAYASHI, FUMINORI, JP
[71] KUREHA CORPORATION, JP
[85] 2017-08-02
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[54] **BALLOON VENDING MACHINE AND BALLOON TO BE SOLD THEREBY**
[54] **DISTRIBUTEUR AUTOMATIQUE DE BALLONS ET BALLONS VENDUS PAR LE DISTRIBUTEUR AUTOMATIQUE DE BALLONS**
[72] JEON, JUNTAK, JP
[71] RISING ENTERTAINMENT CO.,LTD., JP
[85] 2017-08-02
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[54] **REGENERATIVE COOLING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE REFROIDISSEMENT PAR RECUPERATION**
[72] TAYLOR, ROSCOE W., US
[72] HOERMANN, ALEXANDER F., US
[71] MONOLITH MATERIALS, INC., US
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[54] **GAS FILLING SYSTEM**
[54] **SYSTEME DE REMPLISSAGE DE GAZ**
[72] OKUNO, TAKASHI, JP
[72] NAGURA, KENJI, JP
[72] TAKAGI, HITOSHI, JP
[72] UBA, TAKURO, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[54] **COLUMN-BASED DEVICE AND METHOD FOR RETRIEVAL OF RARE CELLS BASED ON SIZE, AND USES THEREOF**
[54] **DISPOSITIF A BASE DE COLONNE ET PROCEDE DE PRELEVEMENT DE CELLULES RARES EN FONCTION DE LA TAILLE, ET SES UTILISATIONS**
[72] YING, JACKIE Y., SG
[72] TAN, MIN-HAN, SG
[72] LEE, YOKE SAN DANIEL, SG
[72] CIMA, IGOR, SG
[72] PARK, YEON JOON, SG
[72] PHYO, WAI MIN, SG
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[54] **COMBINATION THERAPEUTIC AND EXERCISE SYSTEM**
[54] **SYSTEME COMBINE D'EXERCICE ET DE THERAPIE**
[72] NOORZAI, MUSTAFA, US
[72] BROUDY, JACK W., US
[72] NOORZAI, OMAR, US
[72] HUANG, GEORGE J., US
[71] INFINITY KEYBOARD, INC., US
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[30] US (62/111,110) 2015-02-03
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[25] EN
[54] **ROBOT SELECTION METHOD AND ROBOT SELECTION DEVICE**
[54] **PROCEDE DE SELECTION DE ROBOT ET DISPOSITIF DE SELECTION DE ROBOT**
[72] YOSHINO, TETSUYA, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-08-02
[86] 2016-02-03 (PCT/JP2016/053134)
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[51] **Int.Cl. A61K 31/496 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF PLINABULIN IN COMBINATION WITH IMMUNE CHECKPOINT INHIBITORS**
[54] **UTILISATION DE PLINABULINE EN COMBINAISON AVEC DES INHIBITEURS DU POINT DE CONTROLE IMMUNITAIRE**
[72] HUANG, LAN, US
[72] LEE, GLORIA TSI-YIE, US
[71] BEYONDSPRING PHARMACEUTICALS, INC., US
[85] 2017-08-02
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[51] **Int.Cl. C09C 1/48 (2006.01) C09C 1/56 (2006.01)**
[25] EN
[54] **CARBON BLACK COMBUSTABLE GAS SEPARATION**
[54] **SEPARATION DE GAZ COMBUSTIBLES CONTENUS DANS DU NOIR DE CARBONE**
[72] TAYLOR, ROSCOE W., US
[72] JOHNSON, PETER L., US
[71] MONOLITH MATERIALS, INC., US
[85] 2017-08-02
[86] 2016-02-01 (PCT/US2016/015939)
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[51] **Int.Cl. C09C 1/48 (2006.01) C09C 1/56 (2006.01)**
[25] EN
[54] **CARBON BLACK GENERATING SYSTEM**
[54] **SYSTEME DE GENERATION DE NOIR DE CARBONE**
[72] HARDMAN, NED J., US
[72] TAYLOR, ROSCOE W., US
[72] HANSON, ROBERT J., US
[72] JOHNSON, PETER L., US
[71] MONOLITH MATERIALS, INC., US
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[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/47 (2006.01) A61F 13/53 (2006.01)**
[25] EN
[54] **ABSORBENT LAMINATE WITH MULTIPLE SUBSTRATES**
[54] **STRATIFIE ABSORBANT COMPORTANT DE MULTIPLES SUBSTRATS**
[72] DUCKER, PAUL M., US
[71] EAM CORPORATION, US
[85] 2017-08-02
[86] 2016-02-02 (PCT/US2016/016142)
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[30] US (62/111,377) 2015-02-03
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[51] **Int.Cl. H01R 4/66 (2006.01) G02B 6/36 (2006.01) G02B 6/44 (2006.01) G02B 6/46 (2006.01) H01R 4/24 (2006.01)**
[25] EN
[54] **FIBER OPTIC CABLE EXTERNAL SHIELD CONNECTOR**
[54] **CONNECTEUR DE PROTECTION EXTERNE DE CABLE A FIBRE OPTIQUE**
[72] SKOLOZDRA, STEPHEN A., US
[72] BALFOUR, WILLIAM J., US
[72] CARROZZO, JOHN K., US
[71] ELECTRIC MOTION COMPANY, INC., US
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[25] EN
[54] **OPTIMIZED HUMAN CLOTTING FACTOR VIII GENE EXPRESSION CASSETTES AND THEIR USE**
[54] **CASSETTES OPTIMISEES D'EXPRESSION GENETIQUE DU FACTEUR VIII DE COAGULATION HUMAIN ET LEUR UTILISATION**
[72] XIAO, XIAO, US
[72] LI, JUAN, US
[72] YUAN, ZHENHUA, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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[30] US (62/112,901) 2015-02-06

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[51] **Int.Cl. C12N 15/11 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **REGULATION OF GENE EXPRESSION BY APTAMER-MEDIATED MODULATION OF ALTERNATIVE SPLICING**
[54] **REGULATION D'EXPRESSION GENIQUE PAR MODULATION MEDIEE PAR APTAMERE D'UN EPISSAGE ALTERNATIF**
[72] BOYNE, ALEX R., US
[72] DANOS, F. OLIVIER, US
[72] VOLLES, J. MICHAEL, US
[72] GUO, XUECUI, US
[71] MEIRAGTX UK II LIMITED, GB
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[25] EN
[54] **TEMPORARILY IMPERMEABLE SLEEVE FOR RUNNING A WELL COMPONENT IN HOLE**
[54] **MANCHON TEMPORAIREMENT IMPERMEABLE POUR FAIRE CIRCULER UN COMPOSANT DE PUITS DANS UN TROU**
[72] SLADIC, JOHN S., US
[72] SIMONDS, FLOYD R., US
[72] DAY, PAUL, GB
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC., US
[85] 2017-08-02
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[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/02 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETERMINING ENDOMETRIAL CANCER PROGNOSIS**
[54] **COMPOSITIONS ET METHODES PERMETTANT DE DETERMINER LE PRONOSTIC DU CANCER DE L'ENDOMETRE**
[72] ARVAI, KEVIN J., US
[72] WANG, YONGBAO, US
[72] JONES, DANIEL, US
[71] QUEST DIAGNOSTICS INVESTMENTS LLC, US
[85] 2017-08-02
[86] 2016-02-05 (PCT/US2016/016799)
[87] (WO2016/127067)
[30] US (62/113,340) 2015-02-06
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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR ANALYZING CELLULAR COMPONENTS**
[54] **PROCEDES ET COMPOSITIONS POUR ANALYSER DES COMPOSANTS CELLULAIRES**
[72] GUNDERSON, KEVIN L., US
[72] STEEMERS, FRANK J., US
[72] FISHER, JEFFREY S., US
[72] RIGATTI, ROBERTO, GB
[71] ILLUMINA, INC., US
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[54] **METHOD AND SYSTEM FOR SUBSURFACE RESOURCE PRODUCTION**
[54] **PROCEDE ET SYSTEME DE PRODUCTION DE RESSOURCES SOUTERRAINES**
[72] CURLETT, HARRY BAILEY, US
[71] CURLETT, HARRY BAILEY, US
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[51] **Int.Cl. C07C 2/82 (2006.01) C07C 5/09 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **ADVANCED OXIDATIVE COUPLING OF METHANE**
[54] **COUPLAGE OXYDATIF AVANCE DU METHANE**
[72] DUGGAL, SUCHIA, US
[72] RADAELLI, GUIDO, US
[72] MCCORMICK, JAROD, US
[72] ARONSON, ANDREW, US
[72] CIZERON, JOEL, US
[71] SILURIA TECHNOLOGIES, INC., US
[85] 2017-08-02
[86] 2016-03-25 (PCT/US2016/024195)
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[51] **Int.Cl. E21D 21/00 (2006.01)**
[25] EN
[54] **TENSIONABLE CABLE ANCHOR ASSEMBLY AND A TENSIONING DEVICE FOR TENSIONING SAME**
[54] **ENSEMBLE D'ANCRAGE DE CABLE POUVANT ETRE TENDU ET DISPOSITIF DE MISE EN TENSION MECANIQUE POUR LA MISE EN TENSION MECANIQUE DE CE DERNIER**
[72] CAWOOD, MARTIN, ZA
[72] CROMPTON, BRENDAN ROBERT, ZA
[72] ABREU, RUAL, ZA
[71] NCM INNOVATIONS (PTY) LTD, ZA
[85] 2017-08-02
[86] 2015-08-03 (PCT/ZA2015/000052)
[87] (WO2016/134386)
[30] ZA (2015/01099) 2015-02-18
[30] ZA (2015/02480) 2015-04-07

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[25] EN
[54] **PROTECTIVE HELMETS INCLUDING NON-LINEARLY DEFORMING ELEMENTS**
[54] **CASQUES DE PROTECTION COMPRENANT DES ELEMENTS A DEFORMATION NON-LINEAIRE**
[72] POSNER, JONATHAN D., US
[72] DARDIS, JOHN T., II, US
[72] REINHALL, PER G., US
[72] LEONARD, PAUL C., US
[71] VICIS, INC., US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2017-08-02
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[30] US (62/136,969) 2015-03-23

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[51] **Int.Cl. A61H 3/00 (2006.01) A61H 1/02 (2006.01) A61H 99/00 (2006.01)**
[25] EN
[54] **MEDICAL REHAB BODY WEIGHT SUPPORT SYSTEM AND METHOD WITH HORIZONTAL AND VERTICAL FORCE SENSING AND MOTION CONTROL**
[54] **SYSTEME MEDICAL DE SUPPORT DE POIDS CORPOREL EN REEDUCATION ET PROCEDE AVEC DETECTION DE FORCES HORIZONTALES ET VERTICALES ET COMMANDE DES MOUVEMENTS**
[72] STOCKMASTER, JAMES G., US
[72] PEETS, BRIAN G., US
[72] STROHMAN, BENJAMIN A., US
[72] CHERNYAK, ALEXANDER Z., US
[72] REESE, BLAKE, US
[72] WRIGHT, DEAN C., US
[72] LUO, YI, US
[72] LIU, LI-TE, TW
[72] DOLCE, BETTY, US
[72] FISCHER, THOMAS R., US
[72] BIERL, CHRIS, US
[72] POWERS, JUDY, US
[72] SACILOWSKI, DON, US
[71] GORBEL, INC., US
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[86] 2016-02-03 (PCT/US2016/016414)
[87] (WO2016/126851)
[30] US (62/111,288) 2015-02-03

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 45/06 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **ANTIBODIES DIRECTED AGAINST LYMPHOCYTE ACTIVATION GENE 3 (LAG-3)**
[54] **ANTICORPS DIRIGES CONTRE LE GENE D'ACTIVATION 3 DES LYMPHOCYTES (LAG-3)**
[72] JUN, HELEN TONI, US
[72] KEHRY, MARILYN, US
[72] BOWERS, PETER, US
[72] KING, DAVID J., US
[71] ANAPTYSBIO, INC., US
[85] 2017-08-02
[86] 2016-02-03 (PCT/US2016/016424)
[87] (WO2016/126858)
[30] US (62/111,486) 2015-02-03

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[51] **Int.Cl. F16K 47/08 (2006.01)**
[25] EN
[54] **AXIAL RESISTANCE VALVE TRIM DESIGN**
[54] **CONCEPTION DE PIECES INTERNES DE SOUPAPE A RESISTANCE AXIALE**
[72] FREITAS, STEPHEN G., US
[72] NEWTON, RAYMOND R., US
[72] WATSON, DANIEL ALLEN LEE, US
[72] KUBOTA, TIMO, US
[71] CONTROL COMPONENTS, INC., US
[85] 2017-08-02
[86] 2016-02-03 (PCT/US2016/016445)
[87] (WO2016/126872)
[30] US (62/111,584) 2015-02-03
[30] US (15/013,604) 2016-02-02

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[13] A1
[51] **Int.Cl. B60P 1/52 (2006.01) B60P 1/30 (2006.01) B62C 1/04 (2006.01) B62D 33/02 (2006.01)**
[25] EN
[54] **A REPOSITIONABLE LOAD CARRYING TRAY ASSEMBLY FOR A VEHICLE**
[54] **ENSEMBLE PLATEAU PORTEUR DE CHARGE REPOSITIONNABLE POUR UN VEHICULE**
[72] KILLGOUR, PAUL BRIAN ALEC, AU
[72] MIDDLEBROOK, BARRY ROY, AU
[71] PIVOTTRAY PTY LTD, AU
[85] 2017-08-03
[86] 2015-03-03 (PCT/AU2015/000122)
[87] (WO2015/131232)
[30] AU (2014900696) 2014-03-03

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[51] **Int.Cl. G06K 9/68 (2006.01) B64D 47/08 (2006.01) G06K 9/40 (2006.01) H04N 7/18 (2006.01)**
[25] EN
[54] **CORRIDOR CAPTURE**
[54] **CAPTURE DE COULOIR**
[72] MILLIN, ANDREW, AU
[72] ROGERS, RUSSELL ALAN, AU
[72] LAPSTUN, PAUL, AU
[71] NEARMAP AUSTRALIA PTY LTD, AU
[85] 2017-08-03
[86] 2016-01-18 (PCT/AU2016/050018)
[87] (WO2016/127205)
[30] US (14/618,551) 2015-02-10

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[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01) E21B 10/00 (2006.01) E21D 20/00 (2006.01) F16B 13/00 (2006.01)**
[25] EN
[54] **IMPROVED DRILL BIT FOR USE WITH A FRICTION BOLT**
[54] **TREPAN DE FORAGE AMELIORE DESTINE A ETRE UTILISE AVEC UN BOULON DE FROTTEMENT**
[72] MCLAREN, MATTHEW DAVID, AU
[71] FERO GROUP PTY LTD, AU
[85] 2017-08-03
[86] 2016-02-03 (PCT/AU2016/050061)
[87] (WO2016/123668)
[30] AU (2015900337) 2015-02-04

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[13] A1
[51] **Int.Cl. B01D 63/06 (2006.01) B01D 61/00 (2006.01)**
[25] EN
[54] **TUBULAR MEMBRANE WITH SPIRAL FLOW**
[54] **MEMBRANE TUBULAIRE AVEC ECOULEMENT HELICOIDAL**
[72] CHRISTOU, PETER JAMES, CA
[71] CHRISTOU, PETER JAMES, CA
[85] 2017-08-03
[86] 2016-02-03 (PCT/CA2016/050096)
[87] (WO2016/123708)
[30] US (62/111,498) 2015-02-03

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[51] **Int.Cl. C12N 9/02 (2006.01) A01G 7/06 (2006.01) A01H 5/00 (2006.01) C12N 5/10 (2006.01) C12N 15/53 (2006.01) C12N 15/84 (2006.01)**
[25] EN
[54] **HERBICIDE-RESISTANT PROTEIN, ENCODING GENE AND USE THEREOF**
[54] **PROTEINE RESISTANTE AUX HERBICIDES, GENE CODANT ET APPLICATION CORRESPONDANTE**
[72] WU, YECHUN, CN
[72] NIU, XIAOGUANG, CN
[72] TAO, QING, CN
[72] PANG, JIE, CN
[71] BEIJING DABEINONG TECHNOLOGY GROUP CO., LTD., CN
[71] BEIJING DABEINONG BIOTECHNOLOGY CO., LTD., CN
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[54] **HAND TOOL WITH RELIABLE CONNECTIONS**
[54] **OUTIL MANUEL AYANT UN RACCORDEMENT FIABLE**
[72] LI, YUEMING, CN
[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
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[25] EN
[54] **DOCETAXEL ALBUMIN NANOPARTICLE PHARMACEUTICAL COMPOSITION, PREPARATION METHOD THEREFOR AND USE THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE DE NANOPARTICULES D'ALBUMINE ET DE DOCETAXEL, PROCEDE DE PREPARATION DE LADITE COMPOSITION ET SON UTILISATION**
[72] SU, ZHENGXING, CN
[72] YANG, LIKAI, CN
[72] ZHAO, DONG, CN
[72] ZHOU, JING, CN
[72] SHAN, FENGYING, CN
[72] WANG, LICHUN, CN
[72] WANG, JINGYI, CN
[71] SICHUAN KELUN PHARMACEUTICAL RESEARCH INSTITUTE CO. LTD., CN
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[54] **COATING APPARATUS**
[54] **APPAREIL DE REVETEMENT**
[72] HAYAMA, HIRONOBU, JP
[72] TABATA, KIMIHIDE, JP
[72] NABETA, TAKESHI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-08-02
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[25] EN
[54] **ANTIOXIDANTS AND METHODS TO MAXIMIZE PERFORMANCE**
[54] **ANTIOXYDANTS ET PROCEDES POUR MAXIMISER LES PERFORMANCES**
[72] PRATT, DEREK A., CA
[72] SHAH, RONAK MAYANKBHAI, CA
[72] HAIDASZ, EVAN ANTHONY, CA
[72] VALGIMIGLI, LUCA, IT
[71] UNIVERSITY OF OTTAWA, CA
[71] ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA, IT
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[25] EN
[54] **ALVEOLAR-LIKE MACROPHAGES AND METHOD OF GENERATING SAME**
[54] **MACROPHAGES DE TYPE ALVEOLAIRE ET LEUR PROCEDE DE PRODUCTION**
[72] POST, MARTIN, CA
[72] LITVACK, MICHAEL, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[85] 2017-08-03
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[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING PLASTICS AND/OR THE ADDITIVES THEREIN**
[54] **PROCEDE ET DISPOSITIF PERMETTANT L'IDENTIFICATION DE MATIERES PLASTIQUES ET/OU DE LEURS ADDITIFS**
[72] KRIEG, GUNTHER, DE
[72] FEY, DIRK, FR
[72] BOHLEBER, JUERGEN, DE
[72] LANGHALS, HEINZ, DE
[72] SCHLUECKER, THORBEN, DE
[72] ZGELA, DOMINIK, DE
[71] UNISENSOR SENSORSYSTEME GMBH, DE
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[30] DE (10 2015 001 524.9) 2015-02-06
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[25] EN
[54] **MASK ASSEMBLY AND ASSOCIATED METHODS**
[54] **ENSEMBLE A MASQUE ET PROCEDES ASSOCIES**
[72] BROUNS, DERK SERVATIUS GERTRUDA, NL
[72] DE GRAAF, DENNIS, NL
[72] DE KRUIF, ROBERTUS CORNELIS MARTINUS, NL
[72] JANSSEN, PAUL, NL
[72] KRUIZINGA, MATTHIAS, NL
[72] NOTENBOOM, ARNOUD WILLEM, NL
[72] SMITH, DANIEL ANDREW, NL
[72] VERBRUGGE, BEATRIJS LOUISE MARIE-JOSEPH KATRIEN, NL
[72] WILEY, JAMES NORMAN, NL
[71] ASML NETHERLANDS B.V., NL
[85] 2017-08-03
[86] 2016-02-01 (PCT/EP2016/052055)
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[30] US (62/111,380) 2015-02-03
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[25] EN
[54] **GREEN INDOOR CULTIVATION**
[54] **CULTURE ECOLOGIQUE EN INTERIEUR**
[72] PILEBRO, HANS, SE
[72] STRAND, TOBIAS, SE
[71] SKANSKA SVERIGE AB, SE
[85] 2017-08-03
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[51] **Int.Cl. B60T 17/22 (2006.01)**
[25] EN
[54] **AUTOMATIC CALIBRATION OF FLOW MEASUREMENTS IN LOCOMOTIVE AIR BRAKE SYSTEMS**
[54] **ETALONNAGE AUTOMATIQUE DES MESURES D'ECOULEMENT DANS DES SYSTEMES DE FREIN A AIR DE LOCOMOTIVE**
[72] REYNOLDS, JOHN M., US
[71] NEW YORK AIR BRAKE LLC, US
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[51] **Int.Cl. B41J 29/38 (2006.01) B41J 2/07 (2006.01)**
[25] EN
[54] **PRINTHEAD EMPLOYING DATA PACKETS INCLUDING ADDRESS DATA**
[54] **TETE D'IMPRESSION UTILISANT DES PAQUETS DE DONNEES CONTENANT DES DONNEES D'ADRESSE**
[72] BAKKER, CHRIS, US
[72] MARTIN, ERIC T., US
[72] GHOZEIL, ADAM L., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[13] A1
[51] **Int.Cl. F04C 2/10 (2006.01)**
[25] EN
[54] **IMPROVED PERFORMANCE OF GEROTOR COMPRESSORS AND EXPANDERS**
[54] **AMELIORATION DES PERFORMANCES DE COMPRESSEURS ET DETENDEURS A GEROTOR**
[72] HOLTZAPPLE, MARK T., US
[72] BREEDLOVE, JEFFREY J., US
[72] MICKA, DANIEL J., US
[71] STARROTOR CORPORATION, US
[85] 2017-08-03
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[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/17 (2015.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **METHODS FOR ENHANCING EFFICACY OF THERAPEUTIC IMMUNE CELLS**
[54] **PROCEDES POUR AMELIORER L'EFFICACITE DE CELLULES IMMUNITAIRES THERAPEUTIQUES**
[72] CAMPANA, DARIO, SG
[72] KAMIYA, TAKAHIRO, SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
[85] 2017-08-02
[86] 2016-02-05 (PCT/SG2016/050063)
[87] (WO2016/126213)
[30] US (62/112,765) 2015-02-06
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[25] EN
[54] **METHODS AND DEVICES FOR DE NOVO OLIGONUCLEIC ACID ASSEMBLY**
[54] **PROCEDES ET DISPOSITIFS POUR ASSEMBLAGE DE NOVO D'ACIDE OLIGONUCLEIQUE**
[72] INDERMUHLE, PIERRE F., US
[72] MARSH, EUGENE P., US
[72] FERNANDEZ, ANDRES, US
[72] BANYAI, WILLIAM, US
[72] PECK, BILL J., US
[71] TWIST BIOSCIENCE CORPORATION, US
[85] 2017-08-02
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[25] EN
[54] **LIPID NANOPARTICLES AND USES THEREOF**
[54] **NANOPARTICULES DE LIPIDES ET UTILISATIONS DESDITES NANOPARTICULES**
[72] HO, RODNEY J. Y., US
[72] KRAFT II, JOHN C., US
[72] QIAN, MINGXIN, CN
[71] TONGLI BIOMEDICAL CO., LTD., CN
[85] 2017-08-03
[86] 2015-04-10 (PCT/CN2015/076350)
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[30] US (62/113,480) 2015-02-08
[30] CN (201510160468.1) 2015-04-07

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[51] **Int.Cl. C12N 15/00 (2006.01) C12N 15/10 (2006.01) C12N 15/64 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR SYNTHETIC GENE ASSEMBLY**
[54] **COMPOSITIONS ET METHODES D'ASSEMBLAGE DE GENE SYNTHETIQUE**
[72] TORO, ESTEBAN, US
[72] TREUSCH, SEBASTIAN, US
[72] CHEN, SIYUAN, US
[72] WU, CHENG-HSIEN, US
[71] TWIST BIOSCIENCE CORPORATION, US
[85] 2017-08-02
[86] 2016-02-04 (PCT/US2016/016636)
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[51] **Int.Cl. C12P 7/42 (2006.01) A01G 7/06 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING METABOLITE CAPABLE OF IMPROVING DROUGHT TOLERANCE USING MICROORGANISM, AND METHOD FOR IMPROVING DROUGHT TOLERANCE OF PLANT USING SAID METABOLITE**
[54] **METHODE DE PRODUCTION DE METABOLITE CAPABLE D'AMELIORER LA TOLERANCE A LA SECHERESSE AU MOYEN DE MICRO-ORGANISME, ET METHODE D'AMELIORATION DE LA TOLERANCE A LA SECHERESSE DES VEGETAUX AU MOYEN DUDIT METABOLITE**
[72] ANO, TAKASHI, JP
[72] HIROSE, YOICHIRO, JP
[71] NEW ENVIRONMENTAL TECHNOLOGY COUNCIL, JP
[71] KINKI UNIVERSITY, JP
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[54] **PERSONAL VAPORIZER WITH MEDIUM AND CHAMBER CONTROL**
[54] **VAPORISATEUR PERSONNEL A COMMANDE DE MILIEUX ET DE CHAMBRE**
[72] RADO, J. CHRISTIAN, US
[71] LUBBY HOLDINGS, LLC, US
[85] 2017-08-02
[86] 2016-02-04 (PCT/US2016/016659)
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[51] **Int.Cl. A61M 13/00 (2006.01) A61M 16/10 (2006.01) A61M 16/16 (2006.01)**
[25] EN
[54] **SYSTEM FOR HUMIDIFICATION OF MEDICAL GASES**
[54] **SYSTEME D'HUMIDIFICATION DE GAZ A USAGE MEDICAL**
[72] BOYES, RICHARD JOHN, NZ
[72] FISCHER, CHRISTIAN, NZ
[72] STREVENS, JOSEPH PATRICK WALTER, NZ
[72] STOKS, ELMO BENSON, NZ
[72] MALLINSON, JAYANANDA, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[51] **Int.Cl. G01N 29/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR NONINVASIVELY MONITORING CONDITIONS OF A SUBJECT**
[54] **PROCEDE ET SYSTEME POUR LA SURVEILLANCE NON INVASIVE D'ETATS D'UN SUJET**
[72] SCHIFFER, ZEEV, IL
[72] RATNER, ELIAHU, IL
[72] BRESKIN, ILAN, IL
[72] TSALACH, ADI, IL
[72] RON, AVIHAI, IL
[71] OR-NIM MEDICAL LTD., IL
[85] 2017-08-03
[86] 2016-02-03 (PCT/IL2016/050122)
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[30] US (62/112,366) 2015-02-05
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[51] **Int.Cl. B21D 5/01 (2006.01)**
[25] EN
[54] **FORMED METAL ITEM INCLUDING TUBULAR PART WITH SLIT, METHOD FOR PRODUCING THE SAME, AND PRODUCING DEVICE AND DIE ASSEMBLY USED IN METHOD FOR PRODUCING THE SAME**
[54] **PRODUIT FORME DE METAL COMPRENANT UNE PARTIE TUBULAIRE PRESENTANT UNE FENTE ET PROCEDE DE FABRICATION ASSOCIE, ET DISPOSITIF DE FABRICATION ET MATRICE UTILISES POUR CELUI-CI**
[72] SATO, MASAHIKO, JP
[72] YOSHIDA, TOHRU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-08-03
[86] 2016-02-25 (PCT/JP2016/001012)
[87] (WO2016/136259)
[30] JP (2015-035754) 2015-02-25
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[25] EN
[54] **HYDROGENATED BLOCK COPOLYMER**
[54] **COPOLYMERE SEQUENCE HYDROGENE**
[72] UEHARA, YOSUKE, JP
[72] SASAKI, HIROMITSU, JP
[72] KONISHI, DAISUKE, JP
[72] KATO, MASAHIRO, JP
[71] KURARAY CO., LTD., JP
[71] AMYRIS, INC., US
[85] 2017-08-03
[86] 2016-02-05 (PCT/JP2016/053527)
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[30] JP (2015-022444) 2015-02-06
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[25] EN
[54] **POLYAMIDE RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE DE POLYAMIDE**
[72] KUMAZAWA, SHOHEI, JP
[72] IKEMOTO, KENJI, JP
[72] NAKAI, MIHO, JP
[71] UNITIKA LTD., JP
[85] 2017-08-03
[86] 2016-03-02 (PCT/JP2016/056356)
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[30] JP (2015-041353) 2015-03-03

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[25] EN
[54] **COATED METAL PIPE FOR VEHICLE PIPING AND METHOD FOR PRODUCING SAME**
[54] **TUYAU METALLIQUE ENROBE POUR TUYAUTERIE DE VEHICULE ET PROCEDE DE PRODUCTION DE CELUI-CI**
[72] KAWAI, NAOKI, JP
[72] KON, TAKANORI, JP
[72] KUSUNOKI, NORINOBU, JP
[72] SUGITANI, AKIRA, JP
[71] SANOH INDUSTRIAL CO., LTD., JP
[85] 2017-08-03
[86] 2016-02-10 (PCT/JP2016/053979)
[87] (WO2016/129639)
[30] JP (2015-026152) 2015-02-13

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[51] **Int.Cl. G05B 19/4093 (2006.01) B23C 3/12 (2006.01)**
[25] EN
[54] **PATH CALCULATION PROGRAM, PROCESSING DEVICE, PATH CALCULATION METHOD, TOOL, AND PROCESSED ARTICLE**
[54] **PROGRAMME DE CALCUL DE TRAJET, DISPOSITIF DE TRAITEMENT, PROCEDE DE CALCUL DE TRAJET, OUTIL, ET ARTICLE TRAITE**
[72] SATO, YOUICHI, JP
[72] MAEKAWA, TAKASHI, JP
[72] SATO, TAKATO, JP
[71] XEBEC TECHNOLOGY CO., LTD., JP
[71] NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY, JP
[85] 2017-08-03
[86] 2016-02-18 (PCT/JP2016/054714)
[87] (WO2016/133162)
[30] JP (2015-030108) 2015-02-18

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[13] A1
[51] **Int.Cl. F04C 19/00 (2006.01)**
[25] EN
[54] **A LIQUID RING PUMP PORT MEMBER HAVING ANTI-CAVITATION CONSTRUCTIONS**
[54] **ELEMENT FORMANT ORIFICE DE POMPE A ANNEAU LIQUIDE AYANT DES CONSTRUCTIONS ANTI-CAVITATION**
[72] BISSELL, DOUGLAS ERIC, US
[72] GAIBOR, WILSON FABIAN, US
[71] GARDNER DENVER NASH LLC, US
[85] 2017-08-03
[86] 2016-02-11 (PCT/US2016/017589)
[87] (WO2016/130831)
[30] US (62/115,408) 2015-02-12

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[51] **Int.Cl. A01K 63/04 (2006.01) B01D 35/00 (2006.01) B01D 53/81 (2006.01) C02F 3/02 (2006.01) C02F 3/10 (2006.01) C12M 1/00 (2006.01) C12M 1/04 (2006.01) C12M 1/06 (2006.01)**
[25] EN
[54] **ROTATING SPRAY DEVICE FOR WATER DISTRIBUTION ON MEDIA BED OF A BIOFILTER**
[54] **DISPOSITIF DE PULVERISATION TOURNANT POUR LA DISTRIBUTION DE L'EAU SUR UN LIT DE MILIEU D'UN BIO-FILTRE**
[72] MURPHY, MICHAEL S., US
[72] HARSHMAN, JAMES PAUL, US
[72] HANSEN, ERIC C., US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2017-08-03
[86] 2016-02-12 (PCT/US2016/017696)
[87] (WO2016/133802)
[30] US (62/118,614) 2015-02-20

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[13] A1
[51] **Int.Cl. A01N 45/00 (2006.01) A61K 38/18 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF EDEMA**
[54] **COMPOSITIONS ET METHODES POUR TRAITER L'OEDEME**
[72] MEHRARA, BABAK, US
[72] GARDENIER, JASON, US
[72] SAVETSKY, IRA, US
[72] ARAS, OMER, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2017-08-03
[86] 2016-02-05 (PCT/US2016/016680)
[87] (WO2016/127013)
[30] US (62/112,273) 2015-02-05

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[13] A1
[51] **Int.Cl. C12N 7/00 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING VIRUS FOR VACCINE PRODUCTION**
[54] **PROCEDES DE PRODUCTION DE VIRUS POUR PRODUIRE DES VACCINS**
[72] RAO, RAMAN, US
[71] TAKEDA VACCINES, INC., US
[85] 2017-08-03
[86] 2016-02-12 (PCT/US2016/017784)
[87] (WO2016/130940)
[30] US (62/116,361) 2015-02-13

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[13] A1
[51] **Int.Cl. E04B 1/84 (2006.01)**
[25] EN
[54] **SOUND DAMPING WALLBOARD AND METHOD OF FORMING A SOUND DAMPING WALLBOARD**
[54] **PANNEAU MURAL ISOLANT ACOUSTIQUE ET PROCEDE DE FORMATION D'UN PANNEAU MURAL ISOLANT ACOUSTIQUE**
[72] BLADES, MICHAEL N., US
[72] WATT, JOHN M., US
[72] YAKOWENKO, JOHN E., US
[72] BROUD, TODD D., US
[72] O'LEARY, KEITH R., US
[72] CUSA, STEPHEN A., US
[72] QUIROS, MAURICIO, US
[72] RANDALL, BRIAN G., US
[72] WEIR, RICHARD P., US
[71] NATIONAL GYPSUM PROPERTIES, LLC, US
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[54] **PROCESSES FOR THE PREPARATION OF DOLUTEGRAVIR**
[54] **PROCEDE DE PREPARATION DE DOLUTEGRAVIR**
[72] VELLANKI, SIVARAM PRASAD, IN
[72] NADELLA, MADUMURTHY, IN
[72] BHALME, MITALI, IN
[72] RAMABHOTLA, REVATHI SRINIVAS, IN
[72] ARUMALLA, VENKATA SIVA REDDY, IN
[72] KILARU, RAVEENDRA BABU, IN
[71] MYLAN LABORATORIES LIMITED, IN
[85] 2017-08-03
[86] 2016-02-05 (PCT/IN2016/050046)
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[30] IN (588/CHE/2015) 2015-02-06
[30] IN (4137/CHE/2015) 2015-08-07

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[51] **Int.Cl. A61B 18/04 (2006.01) A61B 5/053 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **RADIO-FREQUENCY ELECTRICAL MEMBRANE BREAKDOWN FOR THE TREATMENT OF CARDIAC RHYTHM DISORDERS AND FOR RENAL NEUROMODULATION**
[54] **RUPTURE DE MEMBRANE ELECTRIQUE A RADIO-FREQUENCE POUR LE TRAITEMENT DE TROUBLES DU RYTHME CARDIAQUE ET POUR NEUROMODULATION RENALE**
[72] ONIK, GARY M., US
[72] MIESSAU, JAMES A., US
[72] BOSTWICK, DAVID G., US
[71] RFEMB HOLDINGS, LLC, US
[85] 2017-08-03
[86] 2016-02-08 (PCT/US2016/016955)
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[30] US (62/112,742) 2015-02-06
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR IDENTIFYING NON-ALCOHOLIC FATTY LIVER DISEASE**
[54] **PROCEDES ET COMPOSITIONS D'IDENTIFICATION D'UNE STEATOSE HEPATIQUE NON ALCOOLIQUE**
[72] DENNIS, EDWARD A., US
[72] QUEHENBERGER, OSWALD, US
[72] LOOMBA, ROHIT, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-08-03
[86] 2016-02-12 (PCT/US2016/017822)
[87] (WO2016/130961)
[30] US (62/116,108) 2015-02-13

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 21/25 (2006.01) G01N 27/416 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD FOR CANCER PROGNOSIS AND USES THEREOF**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE PRONOSTIC DU CANCER ET LEURS UTILISATIONS**
[72] BHOWMICK, NEIL A., US
[72] CHOUDHURY, DIPTIMAN, US
[72] BAKER, MICHAEL J., US
[72] DRLIK, MARK SASHA, CA
[72] HANSEN, BJARNE, CA
[72] BHOWMICK, AYON, US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2017-08-03
[86] 2016-02-11 (PCT/US2016/017486)
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[25] EN
[54] **CONNECTOR FOR USE IN FORMING JOINTS**
[54] **CONNECTEUR POUR LA FORMATION DE JOINTS**
[72] ROGERS, LANCE, AU
[71] SRG IP PTY LTD, AU
[85] 2017-08-04
[86] 2015-02-06 (PCT/AU2015/000064)
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[30] AU (2014900352) 2014-02-06

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[25] EN
[54] **AN ACTIVE OPTICAL FIBRE**
[54] **FIBRE OPTIQUE ACTIVE**
[72] DANIEL, JAE, AU
[72] CLARKSON, ANDREW W., GB
[72] SIMAKOV, NIKITA, AU
[71] COMMONWEALTH OF AUSTRALIA REPRESENTED BY DEPARTMENT OF DEFENCE, DEFENCE, AU
[85] 2017-08-04
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[30] GB (1502109.0) 2015-02-09

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[51] **Int.Cl. G01N 1/14 (2006.01) B65B 3/12 (2006.01)**
[25] EN
[54] **LIQUID SAMPLING**
[54] **ECHANTILLONNAGE DE LIQUIDE**
[72] MCINNES, LUKE WILLIAM, AU
[72] BONDI, JOHN RAYMOND, AU
[72] BONDI, BRIAN MARK, AU
[71] FLUID TRANSFER TECHNOLOGY PTY LTD, AU
[85] 2017-08-04
[86] 2016-02-10 (PCT/AU2016/050077)
[87] (WO2016/127211)
[30] AU (2015900421) 2015-02-10

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[25] EN
[54] **SYSTEMS, DEVICES AND METHODS FOR TISSUE REMOVAL AND ANALYSIS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE RETRAIT ET D'ANALYSE DE TISSU**
[72] MAK, SIU WAI JACKY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-08-04
[86] 2015-04-08 (PCT/CA2015/050283)
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[25] EN
[54] **METHOD AND SYSTEM FOR SMART ADAPTIVE VIDEO STREAMING DRIVEN BY PERCEPTUAL QUALITY-OF-EXPERIENCE ESTIMATIONS**
[54] **PROCEDE ET SYSTEME DE DIFFUSION EN FLUX CONTINUE DE VIDEO ADAPTATIVE INTELLIGENTE PILOTEE PAR DES ESTIMATIONS DE QUALITE D'EXPERIENCE PERCEPTUELLES**
[72] WANG, ZHOU, CA
[72] ZENG, KAI, CA
[72] REHMAN, ABDUL, CA
[71] WANG, ZHOU, CA
[85] 2017-08-04
[86] 2016-02-08 (PCT/CA2016/050111)
[87] (WO2016/123721)
[30] US (62/113,401) 2015-02-07

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[51] **Int.Cl. A45B 9/00 (2006.01) A45B 25/02 (2006.01) A45B 25/06 (2006.01) A45B 25/08 (2006.01) A45B 25/22 (2006.01)**
[25] EN
[54] **UMBRELLA HAVING AN ANTI-INVERSION MECHANISM**
[54] **PARAPLUIE AYANT UN MECANISME ANTI-RETOURNEMENT**
[72] HAYTHORNTHWAITE, DAVID, CN
[72] HAYTHORNTHWAITE, ANDREW, CN
[71] SHEDRAIN CORPORATION, US
[85] 2017-08-03
[86] 2016-01-13 (PCT/US2016/013240)
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[30] US (14/614,906) 2015-02-05

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[51] **Int.Cl. C10G 75/04 (2006.01)**
[25] EN
[54] **DIPHENYLIODONIUM SALTS AS SULFIDOGENESIS INHIBITORS AND ANTIMICROBIALS**
[54] **SELS DE DIPHENYLIODONIUM EN TANT QU'INHIBITEURS DE LA SULFUROGENESE ET AGENTS ANTIMICROBIENS**
[72] GEISSLER, BRETT, US
[72] KEASLER, VICTOR, US
[71] ECOLAB USA INC., US
[85] 2017-08-03
[86] 2016-02-02 (PCT/US2016/016052)
[87] (WO2016/126630)
[30] US (62/111,797) 2015-02-04

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[13] A1
[51] **Int.Cl. C22B 3/00 (2006.01) C22B 3/04 (2006.01) C22B 3/20 (2006.01) C22B 3/42 (2006.01) C25B 9/06 (2006.01) C25B 9/10 (2006.01) C25C 7/00 (2006.01) C25C 7/02 (2006.01) C25C 7/04 (2006.01) C25D 17/00 (2006.01) C25D 17/10 (2006.01)**
[25] EN
[54] **ELECTROLYTIC SYSTEM FOR PRECIPITATING METALS AND REGENERATING THE OXIDISING AGENTS USED IN THE LEACHING OF METALS, SCRAP METAL, METAL SULPHURS, SULPHIDE MINERALS, RAW MATERIALS CONTAINING METALS FROM SOLUTIONS FROM LEACHING, INCLUDING A PROCESS FOR COMBINING THE PRECIPITATION AND THE OXIDATION IN A SINGLE STEP, ELIMINATING THE STEPS OF FILTRATION...**
[54] **SYSTEME ELECTROLYTIQUE POUR PRECIPITER DES METAUX ET REGENERER LES AGENTS OXYDANTS UTILISES DANS LA LIXIVIATION DE METAUX, FERRAILLES, SULFURES METALLIQUES, MINERAUX SULFURES, MATIERES PREMIERES A TENEURS METALLIQUES A PARTIR DE SOLUTIONS ISSUES DE LA LIXIVIATION QUI COMPREND UN PROCESSUS POUR UNIFIER LA PRECIPITATION ET L'OXYDATION EN UNE SEULE ETAPE, EN**
[72] SIMPSON ALVAREZ, JAIME ROBERTO, CL
[71] PROTECH SPA, CL
[85] 2017-08-04
[86] 2016-02-04 (PCT/CL2016/050005)
[87] (WO2016/123726)
[30] CL (274-2015) 2015-02-04

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[51] **Int.Cl. B65D 41/02 (2006.01) B65D 47/26 (2006.01) B67D 3/02 (2006.01)**
[25] EN
[54] **CLOSED LOOP CONNECTOR FOR DISPENSING SYSTEMS**
[54] **RACCORD A BOUCLE FERMEE POUR SYSTEMES DE DISTRIBUTION**
[72] SCHULTZ, JEFFREY MICHAEL, JR., US
[72] FEILER, THADDEUS, US
[72] ERLANDSON, ERIKA THERESA, US
[72] SWENSON, PETER, US
[72] KREYE, LISA, US
[71] ECOLAB USA INC., US
[85] 2017-08-03
[86] 2016-02-23 (PCT/US2016/019053)
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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 47/00 (2012.01) F04B 47/02 (2006.01) F04B 47/14 (2006.01) F04B 49/20 (2006.01)**
[25] EN
[54] **LONG-STROKE PUMPING UNIT**
[54] **UNITE DE POMPAGE A LONGUE COURSE**
[72] ROBISON, CLARK E., US
[72] LEMBCKE, JEFFREY JOHN, US
[72] PONS, VICTORIA M., US
[72] HALL, WILLIAM KEVIN, US
[72] STACHOWIAK, JOHN EDWARD, JR., US
[72] THOMAS, BENSON, US
[72] CHRISTIAN, SEAN M., US
[72] PAULET, BRYAN A., US
[72] BASLER, HERMANN, CA
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC., US
[85] 2017-08-03
[86] 2016-02-23 (PCT/US2016/019121)
[87] (WO2016/137986)
[30] US (62/119,305) 2015-02-23
[30] US (62/137,524) 2015-03-24

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[13] A1
[51] **Int.Cl. C07F 19/00 (2006.01) B01J 31/22 (2006.01) C01B 13/02 (2006.01) C25B 1/04 (2006.01) C25B 5/00 (2006.01)**
[25] EN
[54] **WATER SPLITTING CATALYST CONTAINING MN4CAO4 CORE STRUCTURE, PREPARATION PROCESS AND APPLICATION THEREOF**
[54] **PROCEDE DE PREPARATION D'UN CATALYSEUR DE CRAQUAGE D'EAU PRESENTANT DU MN4CAO4 EN TANT QUE STRUCTURE DE NOYAU ET SON APPLICATION**
[72] ZHANG, CHUNXI, CN
[72] CHEN, CHANGHUI, CN
[71] INSTITUTE OF CHEMISTRY, CHINESE ACADEMY OF SCIENCES, CN
[85] 2017-08-04
[86] 2016-02-02 (PCT/CN2016/073203)
[87] (WO2016/124133)
[30] CN (201510065238.7) 2015-02-06

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 34/20 (2016.01) A61B 18/04 (2006.01) A61B 5/055 (2006.01) A61B 10/02 (2006.01)**
[25] EN
[54] **RADIO-FREQUENCY ELECTRICAL MEMBRANE BREAKDOWN FOR THE TREATMENT OF BENIGN PROSTATIC HYPERPLASIA**
[54] **RUPTURE DE MEMBRANE ELECTRIQUE PAR RADIO-FREQUENCE POUR LE TRAITEMENT D'HYPERPLASIE PROSTATIQUE BENIGNE**
[72] ONIK, GARY M., US
[72] MIESSAU, JAMES A., US
[72] BOSTWICK, DAVID G., US
[71] RFEMB HOLDINGS, LLC, US
[85] 2017-08-03
[86] 2016-02-03 (PCT/US2016/016300)
[87] (WO2016/126778)
[30] US (62/111,854) 2015-02-04

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[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01)**
[25] EN
[54] **RADIO-FREQUENCY ELECTRICAL MEMBRANE BREAKDOWN FOR THE TREATMENT OF ADIPOSE TISSUE AND REMOVAL OF UNWANTED BODY FAT**
[54] **RUPTURE DE MEMBRANE ELECTRIQUE RADIOFREQUENCE POUR LE TRAITEMENT DE TISSU ADIPEUX ET L'ELIMINATION DE GRAISSE CORPORELLE INDESIRABLE**
[72] ONIK, GARY M., US
[72] MIESSAU, JAMES A., US
[72] BOSTWICK, DAVID G., US
[71] RFEMB HOLDINGS, LLC, US
[85] 2017-08-03
[86] 2016-02-03 (PCT/US2016/016352)
[87] (WO2016/126811)
[30] US (62/112,047) 2015-02-04

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[13] A1
[51] **Int.Cl. A61B 18/04 (2006.01) A61F 2/95 (2013.01) A61B 17/22 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **RADIO-FREQUENCY ELECTRICAL MEMBRANE BREAKDOWN FOR REDUCING RESTENOSIS**
[54] **RUPTURE DE MEMBRANE ELECTRIQUE PAR RADIO-FREQUENCE POUR REDUCTION DE RESTENOSE**
[72] ONIK, GARY M., US
[72] MIESSAU, JAMES A., US
[72] BOSTWICK, DAVID G., US
[71] RFEMB HOLDINGS, LLC, US
[85] 2017-08-03
[86] 2016-02-04 (PCT/US2016/016501)
[87] (WO2016/126905)
[30] US (62/112,059) 2015-02-04

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[13] A1
[51] **Int.Cl. H04R 25/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING HEARING**
[54] **SYSTEME ET PROCEDE D'AMELIORATION DE L'AUDITION**
[72] VERDOONER, STEVEN, US
[72] SPARKS, RODNEY, US
[72] SNOW, KEVIN, US
[71] NOOPL, INC., US
[85] 2017-08-03
[86] 2016-02-16 (PCT/US2016/018132)
[87] (WO2016/131064)
[30] US (62/116,231) 2015-02-13

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[13] A1
[51] **Int.Cl. C25C 3/20 (2006.01) C25C 3/16 (2006.01)**
[25] FR
[54] **ALUMINIUM SMELTER AND METHOD TO COMPENSATE FOR A MAGNETIC FIELD CREATED BY THE CIRCULATION OF THE ELECTROLYSIS CURRENT OF SAID ALUMINIUM SMELTER**
[54] **ALUMINERIE ET PROCEDE DE COMPENSATION D'UN CHAMP MAGNETIQUE CREE PAR LA CIRCULATION DU COURANT D'ELECTROLYSE DE CETTE ALUMINERIE**
[72] BARDET, BENOIT, FR
[72] RENAUDIER, STEEVE, FR
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2017-08-04
[86] 2016-02-05 (PCT/IB2016/000120)
[87] (WO2016/128824)
[30] FR (15 00251) 2015-02-09

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[13] A1
[51] **Int.Cl. F01D 5/04 (2006.01) F01D 5/06 (2006.01)**
[25] EN
[54] **MULTISTAGE TURBINE PREFERABLY FOR ORGANIC RANKINE CYCLE ORC PLANTS**
[54] **TURBINE A ETAGES MULTIPLES, DE PREFERENCE POUR INSTALLATION A ORC**
[72] BINI, ROBERTO, IT
[72] GAIA, MARIO, IT
[72] COLOMBO, DAVIDE, IT
[71] TURBODEN SPA, IT
[85] 2017-08-04
[86] 2016-03-21 (PCT/IB2016/051581)
[87] (WO2016/157020)
[30] IT (102015902342533) 2015-04-03

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[13] A1
[51] **Int.Cl. A47K 13/22 (2006.01)**
[25] EN
[54] **A DEVICE FOR AUTOMATICALLY PROVIDING A DISPOSABLE SEATING-SURFACE COVER FOR A TOILET-SEAT**
[54] **DISPOSITIF POUR FOURNIR AUTOMATIQUEMENT UN REVETEMENT DE SURFACE D'ASSISE JETABLE POUR UN SIEGE DE TOILETTES**
[72] SHIMON, ELIYAHU, IL
[71] SHIMON, ELIYAHU, IL
[85] 2017-08-04
[86] 2016-01-26 (PCT/IL2016/050080)
[87] (WO2016/125140)
[30] IL (237131) 2015-02-05

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[13] A1
[51] **Int.Cl. A61K 38/12 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL PEPTIDES**
[54] **PEPTIDES ANTIMICROBIENS**
[72] PACHNOFF, NIV, IL
[72] COHEN-KUTNER, MOSHE, IL
[71] OMNIX MEDICAL LTD., IL
[85] 2017-08-04
[86] 2016-02-17 (PCT/IL2016/050187)
[87] (WO2016/132359)
[30] US (62/119,186) 2015-02-22

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[13] A1
[51] **Int.Cl. E04F 13/075 (2006.01) E04C 2/52 (2006.01) E04F 17/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A VENTED AND WATER CONTROL SIDING, VENTED AND WATER CONTROL SHEATHING AND VENTED AND WATER CONTROL TRIM-BOARD**
[54] **SYSTEME ET PROCEDE POUR UN PAREMENT VENTILE ET A REGULATION DE L'HUMIDITE, REVETEMENT VENTILE ET A REGULATION DE L'HUMIDITE ET PANNEAU D'HABILLAGE VENTILE ET A REGULATION DE L'HUMIDITE**
[72] NORWOOD, STEVEN, US
[72] ABU-JABER, AMIR, US
[71] NORWOOD ARCHITECTURE, INC., US
[85] 2017-08-04
[86] 2015-02-13 (PCT/US2015/015921)
[87] (WO2015/123580)
[30] US (61/940,285) 2014-02-14
[30] US (61/955,702) 2014-03-19

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[13] A1
[51] **Int.Cl. C02F 1/42 (2006.01) B01J 47/12 (2017.01) B01J 49/00 (2017.01)**
[25] EN
[54] **WATER TREATMENT APPARATUS AND OPERATION METHOD FOR WATER TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT D'EAU ET PROCEDE DE FONCTIONNEMENT D'APPAREIL TRAITEMENT D'EAU**
[72] SASABE, SHIGERU, JP
[72] SUZUKI, DAISUKE, JP
[72] OOE, YOSHINAO, JP
[72] TANI, TOMOKO, JP
[72] UNO, KATSUHIKO, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2017-08-04
[86] 2016-01-15 (PCT/JP2016/000183)
[87] (WO2016/139877)
[30] JP (2015-042213) 2015-03-04

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[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/28 (2006.01) C22C 38/60 (2006.01) C22C 21/02 (2006.01)**
[25] EN
[54] **INEXPENSIVE AUTOMOBILE COMPONENT AND OIL FEED PIPE HAVING EXCELLENT SALT CORROSION RESISTANCE**
[54] **COMPOSANT AUTOMOBILE PEU COUTEUX ET TUYAU D'ALIMENTATION EN HUILE AYANT UNE EXCELLENTE RESISTANCE A LA CORROSION SALINE**
[72] URASHIMA, HIROSHI, JP
[72] INOUE, YOSHIHARU, JP
[72] TANOUE, TOSHIO, JP
[71] NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION, JP
[85] 2017-08-04
[86] 2016-02-09 (PCT/JP2016/053742)
[87] (WO2016/129576)
[30] JP (2015-023998) 2015-02-10

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[13] A1
[51] **Int.Cl. B29C 67/00 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING AN IMAGE IN A THREE-DIMENSIONALLY PRINTED OBJECT**
[54] **SYSTEME ET PROCEDE POUR LA GENERATION D'UNE IMAGE DANS UN OBJET IMPRIME EN 3D**
[72] BIENZOBAS SAFFIE, FERNANDO ANDRES, CL
[71] BIENZOBAS SAFFIE, FERNANDO ANDRES, CL
[85] 2017-08-04
[86] 2016-02-05 (PCT/CL2016/000005)
[87] (WO2016/123725)
[30] US (62/113,280) 2015-02-06
[30] US (14/684,126) 2015-04-10
[30] US (15/013,929) 2016-02-02

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[13] A1
[51] **Int.Cl. A01N 43/90 (2006.01) A01N 25/00 (2006.01) A01N 25/04 (2006.01) A01N 25/22 (2006.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **AGROCHEMICAL COMPOSITION**
[54] **COMPOSITION AGROCHIMIQUE**
[72] KAI, TETSUTARO, JP
[72] OKADA, ERIKO, JP
[72] MAEKAWA, TAKAHIRO, JP
[71] NIPPON SODA CO., LTD., JP
[85] 2017-08-04
[86] 2016-02-12 (PCT/JP2016/054085)
[87] (WO2016/133011)
[30] JP (2015-028628) 2015-02-17

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[54] **CARTOUCHE, UNITE A PHOTORECEPTEUR, DISPOSITIF DE FORMATION D'IMAGE ELECTROPHOTOGRAPHIQUE**
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[72] KAWAKAMI, TAKUYA, JP
[72] OGINO, HIROKI, JP
[72] KANNO, KAZUHIKO, JP
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[72] SHIMAMURA, HAYATO, JP
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[54] **NOUVEAU COMPOSE DE 4'-THIONUCLEOSIDE, AINSI QUE SON PROCEDE DE PREPARATION, COMPOSITION PHARMACEUTIQUE COMPRENANT CELUI-CI ET SON APPLICATION**
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[72] LIU, GANG, CN
[72] YU, NAN, CN
[72] ZENG, HONG, CN
[72] ZHAO, MINGLIANG, CN
[72] QING, YAN, CN
[72] DENG, HUA, CN
[72] LI, WENJIA, CN
[72] LI, DONGHONG, CN
[72] SU, DONGHAI, CN
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[72] WU, XUNWEI, CN
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[72] CARROLL, STEPHEN JOHN, SG
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[54] **SUBSTITUTED PYRAZOLE COMPOUNDS AS RORGAMMAT INHIBITORS AND USES THEREOF**
[54] **COMPOSES PYRAZOLE SUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE RORGAMMAT ET UTILISATIONS DESDITS COMPOSES**
[72] LAPOINTE, BLAIR T., US
[72] FULLER, PETER H., US
[72] GUNAYDIN, HAKAN, US
[72] LIU, KUN, US
[72] SCIAMMETTA, NUNZIO, US
[72] TROTTER, BENJAMIN WESLEY, US
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[72] LACORTE, GEOFFERY JOSEPH, US
[72] KENNEDY, TIMOTHY JUDE, US
[71] THE TOPPS COMPANY INC., US
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[54] **PROCEDE DE PRODUCTION, DE GARANTIE, D'ACCES ET DE VENTE DE DONNEES DE QUALITE**
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[54] **CBD ET CBDA PURIFIES, ET PROCEDES, COMPOSITIONS ET PRODUITS LES UTILISANT**
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[72] REBITS, LIA, US
[71] COLORADO CAN LLC, US
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[54] **SYSTEMES ET PROCEDES POUR L'ANALYSE ET LA REPONSE A DES QUESTIONS EN LANGAGE NATUREL**
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[72] SMILEY, CHARESE, US
[72] SONG, DEZHAO, US
[72] BREW, CHRISTOPHER, GB
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[54] **COMMANDE ET SURVEILLANCE DE SYSTEMES D'ECLAIRAGE D'URGENCE A BATTERIE DE SECOURS**
[72] KOOSHA, EMAN, US
[72] HEBBORN, KEVIN, US
[72] AHMAD, RIZWAN, US
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[54] **APPARATUS AND PROCESS OF RETROFITTING A COMBINED CYCLE POWER PLANT**
[54] **APPAREIL ET PROCESSUS D'ADAPTATION D'UNE CENTRALE ELECTRIQUE A COMBINE**
[72] BROSTMEYER, JOSEPH D., US
[72] JONES, RUSSELL B., US
[72] CEJKA, JUSTIN T., US
[72] OROSA, JOHN A., US
[72] RYZNIC, JOHN E., US
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[72] BOUKAIR, MOE, US
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[54] **SYSTEM AND PROCESS FOR MONITORING MALICIOUS ACCESS OF PROTECTED CONTENT**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE D'UN ACCES MALVEILLANT A UN CONTENU PROTEGE**
[72] KLINE, PAUL A., US
[72] WEINSTEIN, ALLAN M., US
[72] WEINSTEIN, DAVID J., US
[72] YANG, CHANGSHENG, US
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[54] **MATERIAU ACTIF D'ELECTRODE POSITIVE POUR BATTERIES RECHARGEABLES A ELECTROLYTE NON AQUEUX, ET BATTERIE RECHARGEABLE A ELECTROLYTE NON AQUEUX**
[72] KAJIYAMA, AKIHISA, JP
[72] MASAKI, RYUTA, JP
[72] WAKIYAMA, TSUYOSHI, JP
[72] KASHIMA, TETSUYA, JP
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[72] SASAKI, OSAMU, JP
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[72] SHINN, KRISTOFER DAVID, US
[72] JAFFER, SABIR SADRUDDIN, US
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[54] **REGULATEUR DE COURANT CONSTANT SANS COUPURE**
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[72] SCHNEIDER, JOHN B., US
[71] COOPER TECHNOLOGIES COMPANY, US
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[72] GORBUNOV, SERGEY, US
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[54] **METHOD FOR OBTAINING A PHARMACEUTICAL COMPOSITION OF POLYMERIC NANOPARTICLES FOR THE TREATMENT OF NEUROPATHIC PAIN CAUSED BY PERIPHERAL NERVE COMPRESSION**
[54] **PROCEDE D'OBTENTION D'UNE COMPOSITION PHARMACEUTIQUE DE NANOPARTICULES POLYMERES POUR LE TRAITEMENT DE LA DOULEUR NEUROPATHIQUE PRODUITE PAR UNE COMPRESSION NERVEUSE PERIPHERIQUE**
[72] MARTIN BANDERAS, LUCIA, ES
[72] FERNANDEZ AREVALO, MERCEDES, ES
[72] BERROCOSO DOMINGUEZ, ESTHER, ES
[72] MICO SEGURA, JUAN ANTONIO, ES
[71] CENTRO DE INVESTIGACION BIOMEDICA EN RED (CIBER), ES
[71] UNIVERSIDAD DE SEVILLA, ES
[71] UNIVERSIDAD DE CADIZ, ES
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[54] **APPAREIL DE GRANULATION**
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[72] SCHAIDER, JOSEF, AT
[71] JOSEF SCHAIDER PRIVATSTIFTUNG, AT
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[54] **PROCEDE POUR AMELIORER LE GRADE ET LA QUALITE OPTIQUE DE ZIRCONS**
[72] DUNDAS, PHILLIP JAMES, AU
[71] ILUKA RESOURCES LIMITED, AU
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[54] **MICROBES BENEFIQUES POUR L'AGRICULTURE, COMPOSITIONS MICROBIENNES ET CONSORTIUMS**
[72] WIGLEY, PETER, NZ
[72] TURNER, SUSAN, US
[72] GEORGE, CAROLINE, NZ
[72] WILLIAMS, THOMAS, US
[72] ROBERTS, KELLY, US
[72] HYMUS, GRAHAM, US
[72] LAU, KELVIN, NZ
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[54] **COMBUSTIBLE NUCLEAIRE CONTENANT UN MELANGE ABSORBEUR DE NEUTRONS**
[72] HONG, IN SEOB, CA
[72] DAHMANI, MOHAMED, CA
[71] CANDU ENERGY INC., CA
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[54] **MECANISME D'INSERTION SOLLICITE EN ROTATION POUR UNE POMPE D'ADMINISTRATION DE MEDICAMENTS**
[72] DESTEFANO, MARK A., US
[72] LAURENCE, LAWTON, US
[72] LOVE, JOHN C., US
[72] HANSON, IAN B., US
[72] BENTE, PAUL F., IV, US
[71] AMGEN INC., US
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[54] **SYSTEM AND METHOD FOR ELECTRONIC DATA SUBMISSION PROCESSING**
[54] **SYSTEME ET PROCEDE DESTINES AU TRAITEMENT DE SOUMISSIONS DE DONNEES ELECTRONIQUES**
[72] SHARDLOW, LINDA, CA
[72] TRAC, PIERRE, CA
[72] BABCOCK, TIMOTHY, CA
[72] LUU, VAN, CA
[71] TSX INC., CA
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[54] **SYSTEMS AND METHODS FOR PERFORMING FINGERPRINT BASED USER AUTHENTICATION USING IMAGERY CAPTURED USING MOBILE DEVICES**
[54] **SYSTEMES ET PROCEDES D'EXECUTION D'UNE AUTHENTIFICATION D'UTILISATEUR BASEE SUR DES EMPREINTES DIGITALES AU MOYEN D'IMAGES CAPTUREES AU MOYEN DE DISPOSITIFS MOBILES**
[72] HOYOS, HECTOR, US
[72] MATHER, JONATHAN FRANCIS, GB
[72] OTHMAN, ASEM, US
[72] TYSON, RICHARD, GB
[71] VERIDIUM IP LIMITED, GB
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[54] **SYSTEME ET PROCEDE SEMI-AUTOMATISES D'EVALUATION DE REPONSES**
[72] TAL-BOTZER, RONEN, IL
[71] TAL-BOTZER, RONEN, IL
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[54] **NON-PNEUMATIC TIRE AND OTHER ANNULAR DEVICES**
[54] **PNEU NON PNEUMATIQUE ET AUTRES DISPOSITIFS ANNULAIRES**
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[71] ADVANCING MOBILITY, LLC., US
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[54] **COMPOSITIONS PHARMACEUTIQUES POUR THERAPIE COMBINEE**
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[72] ADORINI, LUCIANO, IT
[71] INTERCEPT PHARMACEUTICALS, INC., US
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[54] **ACID HERBICIDE-CONTAINING COMPOSITIONS, PRECURSORS, DERIVATIVES, AND METHODS**
[54] **COMPOSITIONS CONTENANT DE L'HERBICIDE A BASE D'ACIDE, PRECURSEURS, DERIVES, ET PROCEDES**
[72] PARRISH, SCOTT K., US
[71] AGQUAM LLC, US
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[54] **SYSTEM AND METHOD FOR TREATING ATHEROMA FORMATION**
[54] **SYSTEME ET METHODE DE TRAITEMENT DE FORMATION D'ATHEROME**
[72] BELLAMINE, AOUATEF, US
[72] WILLIAMSON, YUPING VIVIAN, US
[71] LONZA INC., US
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[54] **PLAQUES OSSEUSES, SYSTEMES ET PROCEDES D'UTILISATION**
[72] DACOSTA, ALBERT, US
[72] LINTULA, ERIC, US
[72] RAYMOND, SPANKY, US
[72] CLENDENIN, JOSH, US
[72] BONO, FRANK, US
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[54] **ANTIBODY DRUG CONJUGATES**
[54] **CONJUGUES ANTICORPS-MEDICAMENT**
[72] MIAO, ZHENWEI, US
[72] CHEN, GANG, US
[72] ZHU, TONG, US
[72] KHASANOV, ALISHER B., US
[72] DENG, DYLAN, US
[72] ZANG, HONG, US
[72] YAN, ZHENG, US
[71] SORRENTO THERAPEUTICS, INC., US
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[54] **TITANIUM-BASED POWDER, AND INGOT AND SINTERED ARTICLE THEREOF**
[54] **POUDRE DE TITANE, LINGOT ET ARTICLE FRITTE CONSTITUE DE POUDRE DE TITANE**
[72] FUKADA, NOBUO, JP
[72] KANOU, OSAMU, JP
[72] TAKENAKA, SHIGEHISA, JP
[71] TOHO TITANIUM CO., LTD., JP
[85] 2017-08-08
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[54] **SUBSTITUTED PYRROLO[2,3-D]PYRIMIDINES FOR SELECTIVELY TARGETING TUMOR CELLS WITH FR-ALPHA AND FR-BETA TYPE RECEPTORS**
[54] **PYRROLO[2,3-D]PYRIMIDINES SUSBSTITUEES POUR LE CIBLAGE SELECTIF DE CELLULES TUMORALES COMPRENANT DES RECEPTEURS FR-ALPHA ET FR-BETA**
[72] GANGJEE, ALEEM, US
[72] MATHERLY, LARRY H., US
[71] WAYNE STATE UNIVERSITY, US
[71] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT, US
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[54] **MULTI-SPECIFIC ANTIBODIES WITH AFFINITY FOR HUMAN A33 ANTIGEN AND DOTA METAL COMPLEX AND USES THEREOF**
[54] **ANTICORPS MULTI-SPECIFIQUES AYANT UNE AFFINITE POUR L'ANTIGENE A33 HUMAIN ET LE COMPLEXE METALLIQUE DOTA ET UTILISATIONS DE CEUX-CI**
[72] CHEAL, SARAH M., US
[72] XU, HONG, US
[72] LARSON, STEVEN M., US
[72] CHEUNG, NAI-KONG, US
[72] WITTRUP, KARL DANE, US
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[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **VARIANT RNAI**
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[72] STANEK, LISA M., US
[72] PALERMO, ADAM, US
[72] RICHARDS, BRENDA, US
[72] SARDI, SERGIO PABLO, US
[72] O'RIORDAN, CATHERINE, US
[72] SONG, ANTONIUS, US
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[54] **COUCHE DE CONFORT A RESSORTS ENSACHES ET PROCEDE DE FABRICATION DE CETTE DERNIERE**
[72] KRTEK, RICHARD A., US
[72] LONG, AUSTIN G., US
[72] RHEA, ERIC, US
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[72] GIL, YOTAM, IL
[72] GLESER, LIRON, IL
[72] CARMON, YUVAL, IL
[72] SHUR, ALEX, IL
[71] SHAMIR OPTICAL INDUSTRY LTD., IL
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[54] **INHIBITEURS SELECTIFS DE METALLOPROTEINASES MATRICIELLES**
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[72] MOBASHERY, SHAHRIAR, US
[71] UNIVERSITY OF NOTRE DAME DU LAC, US
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[54] **ENSEMBLE BOUCHON DE PRE-TENSION RECUPERABLE**
[72] MURPHY, THOMAS, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **TREATMENT FLUIDS COMPRISING ANHYDROUS AMMONIA FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **FLUIDES DE TRAITEMENT COMPRENANT DE L'AMMONIAC ANHYDRE POUR UNE UTILISATION DANS DES OPERATIONS DE FORMATION SOUTERRAINE**
[72] STANCIU, CORNELIU, US
[72] WEAVER, JIM D., US
[72] MAGUIRE-BOYLE, SAMUEL JAMES, US
[72] SINGH, DIPTI, US
[72] HOLTSCLAW, JEREMY A., US
[72] MCCABE, MICHAEL A., US
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[25] EN
[54] **METHODS OF PREPARING TREATMENT FLUIDS COMPRISING ANHYDROUS AMMONIA FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **PROCEDES DE PREPARATION DE FLUIDES DE TRAITEMENT COMPRENANT DE L'AMMONIAC ANHYDRE POUR UNE UTILISATION DANS DES OPERATIONS DE FORMATION SOUTERRAINE**
[72] MCCABE, MICHAEL A., US
[72] WEAVER, JIM D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PERIMETER VENTILATION SYSTEM FOR ELECTRONIC DISPLAY**
[54] **SYSTEME DE VENTILATION PERIMETRIQUE DESTINE A UN AFFICHEUR ELECTRONIQUE**
[72] DEMARS, RYAN, US
[71] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
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[54] **FONCTIONNALITE DE SERVICE A LA DEMANDE AMELIOREE ET MISE EN □UVRE DANS DES RESEAUX DE JEU DE CASINO**
[72] WASHINGTON, GEORG, US
[72] SERRA, JOE, US
[72] STANKEVICH, TOM, US
[72] MAC AULEY, JUSTIN, US
[71] SYNERGY BLUE, LLC, US
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[54] **PROCEDE DESTINE A LA FABRICATION D'UN ELEMENT DE CONSTRUCTION COMPOSITE**
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[71] LAING O'ROURKE AUSTRALIA PTY LIMITED, AU
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[54] **METHODS AND COMPOSITIONS FOR TREATING DRY EYE DISEASE AND OTHER EYE DISORDERS**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE LA MALADIE DE L'OEIL SEC ET AUTRES TROUBLES OCULAIRES**
[72] JAIN, SANDEEP, US
[72] KOMPELLA, UDAY BHASKAR, US
[72] MUSUNURI, SHANKAR, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[71] OCUGEN, INC., US
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[54] **INHIBITORS OF NECROPTOSIS**
[54] **INHIBITEURS DE NECROPTOSE**
[72] LESSENE, GUILLAUME LAURENT, AU
[72] GARNIER, JEAN-MARC, AU
[72] CUZZUPE, ANTHONY NICHOLAS, AU
[72] FEUTRILL, JOHN THOMAS, AU
[72] CZABOTAR, PETER EDWARD, AU
[72] SHARMA, POOJA, AU
[71] CATALYST THERAPEUTICS PTY LTD, AU
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[54] **METHODS AND SYSTEMS FOR PUSHING ORDERS**
[54] **PROCEDE ET SYSTEME DE POUSSER DE COMMANDES**
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[72] SUN, JINHOU, CN
[72] LUO, WEN, CN
[72] CUI, WEI, CN
[72] LI, YULONG, CN
[72] HU, ZHILIN, CN
[72] MEI, ZHE, CN
[72] YANG, PING, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
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[54] **ORAL CARE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES ET LEURS METHODES D'UTILISATION**
[72] HUANG, XIAOYI, CN
[72] PRENCIPE, MICHAEL, US
[72] RUSSO, AMY, US
[72] STETTLER, HANSRUEDI, CH
[72] PATEL, VYOMA, US
[72] WON, BETTY, US
[72] YAN, PENG, CN
[72] MORGAN, ANDRE MICHELLE, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **SELECTION METHODS FOR GENETICALLY-MODIFIED T CELLS**
[54] **PROCEDES DE SELECTION DE LYMPHOCYTES T GENETIQUEMENT MODIFIES**
[72] RUSHWORTH, DAVID, US
[72] COOPER, LAURENCE J., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **APPAREIL D'EXTRACTION D'ENERGIE D'UN ECOULEMENT DE FLUIDE**
[72] LUMLEY, ROBERT, US
[71] KITEFARMS LLC, US
[85] 2017-08-08
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[54] **METHODS AND COMPOSITIONS FOR MODULATING LILR PROTEINS**
[54] **METHODES ET COMPOSITIONS POUR MODULER LES PROTEINES LILR**
[72] BLASER, HEIKO, CA
[72] MAK, TAK, CA
[71] UNIVERSITY HEALTH NETWORK, CA
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[54] **CATALYZED CERAMIC CANDLE FILTER AND METHOD FOR CLEANING OF OFF- OR EXHAUST GASES**
[54] **FILTRE A BOUGIE EN CERAMIQUE CATALYSE ET PROCEDE DE NETTOYAGE DES DEGAGEMENTS GAZEUX ET DES GAZ D'ECHAPPEMENT**
[72] CASTELLINO, FRANCESCO, DK
[72] PEDERSEN, LARS STORM, DK
[71] HALDOR TOPSOE A/S, DK
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[54] **PROCEDE ET DISPOSITIF PERMETTANT D'ACCEDER A UN REPERTOIRE DE VISITEURS DE DONNEES DANS UN SYSTEME MULTI-C□URS**
[72] GU, XIONGLI, CN
[72] FANG, LEI, CN
[72] CAI, WEIGUANG, CN
[72] LIU, PENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **CONFIGURATION DE GREEMENT POUR UN CHALUT DE PECHE COMMERCIALE**
[72] MARTIN, DANIEL GEORGE, CA
[71] GX TECHNOLOGY CANADA LTD., CA
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[54] **DEVICE AND METHOD FOR RETAINING PROBE EXTERIOR WEAR SLEEVE**
[54] **DISPOSITIF ET PROCEDE POUR RETENIR UN MANCHON D'USURE EXTERIEURE DE SONDE**
[72] STACK, LUKE ANTHONY, CA
[72] LOGAN, AARON WILLIAM, CA
[72] LOGAN, JUSTIN CHRISTOPHER, CA
[71] EVOLUTION ENGINEERING INC., CA
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[54] **MACHINE POWDER RIDGE DE SOUS-SOLAGE DE TYPE ETENDU ET MACHINE POWDER RIDGE DE SOUS-SOLAGE**
[72] LI, YANGMING, CN
[72] LI, SHENWEN, CN
[71] GUANGXI WUFENG MACHINERY CO.,LTD., CN
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[25] EN
[54] **CATALYZED CERAMIC CANDLE FILTER AND METHOD OF CLEANING PROCESS OFF- OR EXHAUST GASES**
[54] **FILTRE A BOUGIE EN CERAMIQUE CATALYSE ET PROCEDE DE NETTOYAGE DE DEGAGEMENT GAZEUX OU DE GAZ D'ECHAPPEMENT**
[72] CASTELLINO, FRANCESCO, DK
[72] PEDERSEN, LARS STORM, DK
[71] HALDOR TOPSOE A/S, DK
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[86] 2015-03-20 (PCT/EP2015/055951)
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[51] **Int.Cl. A61F 2/26 (2006.01)**
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[54] **PROSTHESIS FOR IMPROVED PENIS FUNCTION**
[54] **PROTHESE POUR FONCTION PENIENNE AMELIOREE**
[72] ELIST, JAMES, US
[71] MENOVA INTERNATIONAL, INC., US
[85] 2017-08-08
[86] 2016-03-04 (PCT/US2016/020881)
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[30] US (14/986,484) 2015-12-31

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[51] **Int.Cl. H04J 13/14 (2011.01) H04L 27/18 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **SYSTEM DISCOVERY AND SIGNALING**
[54] **DECOUVERTE ET SIGNALISATION DE SYSTEMES**
[72] SIMON, MICHAEL J., US
[72] SHELBY, KEVIN A., US
[72] EARNSHAW, MARK, US
[72] KANNAPPA, SANDEEP MAVUDURU, US
[71] ONE MEDIA, LLC, US
[85] 2017-08-08
[86] 2016-03-09 (PCT/US2016/021547)
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[51] **Int.Cl. G06F 19/28 (2011.01) G06Q 30/02 (2012.01) H04B 1/3827 (2015.01) H04B 1/38 (2015.01) H04M 1/54 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROGRAMMING, CONTROLLING AND MONITORING WIRELESS NETWORKS**
[54] **SYSTEMES ET PROCEDES POUR PROGRAMMER, COMMANDER ET SURVEILLER DES RESEAUX SANS FIL**
[72] LI, SOL MINGSO, US
[71] LI, SOL MINGSO, US
[85] 2017-08-08
[86] 2016-04-29 (PCT/US2016/030309)
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[30] US (62/154,659) 2015-04-29
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[25] EN
[54] **VISIBLE VALVE SYSTEM AND SPILL REDUCING SYSTEM**
[54] **SYSTEME DE CLAPET VISIBLE ET SYSTEME DE REDUCTION DE DEVERSEMENT**
[72] MIZUCHI, KATHRYN, US
[72] WACH, JOSEPH, US
[72] HOLTZ, RAYMOND, US
[71] MEDELA HOLDING AG, CH
[85] 2017-08-09
[86] 2016-02-10 (PCT/IB2016/000209)
[87] (WO2016/128831)
[30] US (62/114,436) 2015-02-10
[30] US (62/278,177) 2016-01-13

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[51] **Int.Cl. G02B 6/12 (2006.01) G02B 5/20 (2006.01)**
[25] EN
[54] **MULTIPOINT, CONTENTIONLESS WAVELENGTH SELECTIVE SWITCH (WSS)**
[54] **COMMUTATEUR SELECTIF DE LONGUEUR D'ONDE (WSS) MULTI-POINT ET SANS COLLISION**
[72] WAGENER, JEFFERSON L., US
[71] NISTICA, INC., US
[85] 2017-08-09
[86] 2016-04-05 (PCT/IB2016/000435)
[87] (WO2016/128841)
[30] US (62/113,738) 2015-02-09
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[25] EN
[54] **IMAGE/LOCATION-BASED TRACKING**
[54] **SUIVI BASE SUR UNE IMAGE/POSITION**
[72] BAXTER, ROBERT, CA
[71] 355323 B.C. LTD., CA
[85] 2017-08-09
[86] 2016-02-15 (PCT/IB2016/000452)
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[30] US (14/621,576) 2015-02-13

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[51] **Int.Cl. A61B 5/053 (2006.01) A61N 1/20 (2006.01)**
[25] EN
[54] **DEVICE FOR DIAGNOSIS AND INDUCED REGENERATION IN TISSUES BY MEANS OF THERAPEUTIC PERCUTANEOUS ELECTROLYSIS AND ELECTRO-STIMULATION TARGETED VIA BIPOLAR NEEDLE**
[54] **DISPOSITIF POUR LE DIAGNOSTIC ET LA REGENERATION INDUITE DANS DES TISSUS PAR ELECTROLYSE PERCUTANEE THERAPEUTIQUE ET ELECTRO-STIMULATION FOCALISEE PAR AIGUILLE BIPOLAIRE**
[72] OLIVER GARCIA, JOSEP, ES
[72] ALLEPUZ MONER, VICENT, ES
[71] IONCLINICS AND DEIONIC, S.L., ES
[85] 2017-08-09
[86] 2016-02-03 (PCT/ES2016/070061)
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[51] **Int.Cl. G01C 21/00 (2006.01)**
[25] EN
[54] **ASSISTIVE VEHICULAR GUIDANCE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GUIDAGE DE VEHICULE D'ASSISTANCE**
[72] BROWN, JEREMY, US
[72] NIMMER, JEREMY, US
[71] JAYBRIDGE ROBOTICS, INC., US
[85] 2017-08-09
[86] 2016-01-26 (PCT/US2016/014853)
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[30] US (62/116,792) 2015-02-16
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[25] EN
[54] **PHOSPHOROUS ACID COMPOUND, METHOD FOR PRODUCING SAID COMPOUND, AND USE OF SAID COMPOUND**
[54] **COMPOSE DE L'ACIDE PHOSPHOREUX, PROCEDE DE PRODUCTION DUDIT COMPOSE ET UTILISATION DUDIT COMPOSE**
[72] MATSUMOTO, SHUHEI, JP
[72] KIMURA, NATSUKO, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2017-08-09
[86] 2016-02-05 (PCT/JP2016/053474)
[87] (WO2016/129517)
[30] JP (2015-025727) 2015-02-12

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[51] **Int.Cl. C04B 41/89 (2006.01) B32B 18/00 (2006.01) C04B 41/87 (2006.01) C04B 41/90 (2006.01)**
[25] EN
[54] **COATED MEMBER AND METHOD OF MANUFACTURING THE SAME**
[54] **ELEMENT REVETU ET SON PROCEDE DE PRODUCTION**
[72] MATSUMOTO, MINEAKI, JP
[72] KURIMURA, TAKAYUKI, JP
[72] NISHIKAWA, KOSUKE, JP
[72] HANADA, TADAYUKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD., JP
[85] 2017-08-09
[86] 2016-02-09 (PCT/JP2016/053802)
[87] (WO2016/129591)
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[51] **Int.Cl. C23C 4/10 (2016.01) B32B 18/00 (2006.01) C04B 35/50 (2006.01) C04B 41/87 (2006.01) F01D 5/28 (2006.01) F01D 9/02 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01) F23R 3/42 (2006.01)**
[25] EN
[54] **COATED MEMBER, COATING MATERIAL, AND METHOD OF MANUFACTURING COATED MEMBER**
[54] **ELEMENT REVETU, MATERIAU DE REVETEMENT ET PROCEDE DE PRODUCTION D'ELEMENT REVETU**
[72] MATSUMOTO, MINEAKI, JP
[72] KURIMURA, TAKAYUKI, JP
[72] NISHIKAWA, KOSUKE, JP
[72] HANADA, TADAYUKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD., JP
[85] 2017-08-09
[86] 2016-02-09 (PCT/JP2016/053786)
[87] (WO2016/129588)
[30] JP (2015-023374) 2015-02-09

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[25] EN
[54] **TRANSMISSION APPARATUS, TRANSMISSION METHOD, RECEPTION APPARATUS, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2017-08-09
[86] 2016-02-09 (PCT/JP2016/053858)
[87] (WO2016/132976)
[30] JP (2015-029106) 2015-02-17

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[25] EN
[54] **PROCESSING EQUIPMENT AND REMOTE MANAGEMENT SYSTEM**
[54] **DISPOSITIF DE TRAITEMENT ET SYSTEME DE GESTION A DISTANCE**
[72] YAMAZAKI, ETSUSHI, JP
[72] ISHIDA, OSAMU, JP
[72] TAKEI, KAZUHITO, JP
[72] SUZUKI, YASUHIRO, JP
[72] NISHIZAWA, HIDEKI, JP
[71] NTT ELECTRONICS CORPORATION, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2017-08-09
[86] 2016-03-03 (PCT/JP2016/056642)
[87] (WO2016/147892)
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[54] **INDWELLING NEEDLE ASSEMBLY**
[54] **ENSEMBLE AIGUILLE A DEMEURE**
[72] NAKAGAMI, HIROYUKI, JP
[72] SAKAMOTO, SHINGO, JP
[72] MINO, ASUMI, JP
[71] NIPRO CORPORATION, JP
[85] 2017-08-09
[86] 2016-02-17 (PCT/JP2016/054617)
[87] (WO2016/133138)
[30] JP (2015-028292) 2015-02-17

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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONSUMER AWARD PROGRAM FOR WASHROOM USAGE**
[54] **PROCEDE ET SYSTEME POUR UN PROGRAMME DE RECOMPENSE DE CONSOMMATEUR POUR L'UTILISATION DE CABINETS DE TOILETTE**
[72] DUNBAR, CHARLENE, US
[72] MOEDE, WARREN, US
[72] SHEEHAN, CHRISSY, US
[72] SHIPP, PETER W., JR, US
[72] BECKER, STEPHEN, US
[72] KIRKLAND, JASON, US
[72] SCHULZ, THOMAS H., US
[72] TRAMONTINA, PAUL F., US
[72] ZIELINSKI, MATTHEW T., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2017-08-09
[86] 2015-02-25 (PCT/US2015/017493)
[87] (WO2016/137458)

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[51] **Int.Cl. H04N 7/18 (2006.01) H04N 5/76 (2006.01)**
[25] EN
[54] **SITUATION ASCERTAINMENT SYSTEM USING CAMERA PICTURE DATA, CONTROL DEVICE, AND SITUATION ASCERTAINMENT METHOD USING CAMERA PICTURE DATA**
[54] **SYSTEME DE DETERMINATION DE SITUATION UTILISANT DES DONNEES D'IMAGE DE CAMERA, DISPOSITIF DE COMMANDE ET PROCEDE DE DETERMINATION DE SITUATION UTILISANT DES DONNEES D'IMAGE DE CAMERA**
[72] USHIROSAKO, KOICHI, JP
[71] HITACHI SYSTEMS, LTD., JP
[85] 2017-08-09
[86] 2015-03-04 (PCT/JP2015/056410)
[87] (WO2016/139785)

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[51] **Int.Cl. F23N 5/24 (2006.01) F23N 5/20 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING WHETHER IGNITION HAS OCCURRED**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION D'OCCURRENCE D'ALLUMAGE**
[72] COOL, PETER JAN, NL
[71] INTERGAS HEATING ASSETS B.V., NL
[85] 2017-08-09
[86] 2016-02-22 (PCT/NL2016/050127)
[87] (WO2016/133397)
[30] NL (2014326) 2015-02-20
[30] NL (2015155) 2015-07-10

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[51] **Int.Cl. H04J 99/00 (2009.01) H04B 7/04 (2017.01) H04J 11/00 (2006.01)**
[25] EN
[54] **TRANSMITTER, RECEIVER, AND SEMICONDUCTOR CHIP**
[54] **DISPOSITIF DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PUCE SEMI-CONDUCTRICE**
[72] ASAKURA, SHINGO, JP
[72] HONDA, MADOKA, JP
[72] MURAYAMA, KENICHI, JP
[72] SHITOMI, TAKUYA, JP
[72] SAITO, SUSUMU, JP
[72] NARIKIYO, YOSHIKAZU, JP
[72] MIYASAKA, HIROAKI, JP
[72] SATOU, AKIHIKO, JP
[72] TAKEUCHI, TOMOAKI, JP
[72] TSUCHIDA, KENICHI, JP
[72] OKANO, MASAHIRO, JP
[72] TAKADA, MASAYUKI, JP
[72] SHIBUYA, KAZUHIKO, JP
[71] NHK ENGINEERING SYSTEM, INC., JP
[71] NIPPON HOSO KYOKAI, JP
[85] 2017-08-09
[86] 2016-02-09 (PCT/JP2016/000676)
[87] (WO2016/129272)
[30] JP (2015-024655) 2015-02-10
[30] JP (2015-129968) 2015-06-29

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[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **DYNAMIC CACHE ALLOCATION AND NETWORK MANAGEMENT**
[54] **ATTRIBUTION DE CACHE DYNAMIQUE ET GESTION DE RESEAU**
[72] CHOW, WILLIAM W., US
[72] TSUIE, MARK L., US
[72] TRUONG, BRIAN A., US
[71] MOBOPHILES INC. DBA MOBOLIZE, US
[85] 2017-08-09
[86] 2015-03-04 (PCT/US2015/018826)
[87] (WO2015/134669)
[30] US (61/947,982) 2014-03-04

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[51] **Int.Cl. H04J 99/00 (2009.01) H04B 7/04 (2017.01) H04J 11/00 (2006.01)**
[25] EN
[54] **TRANSMITTER, RECEIVER, AND SEMICONDUCTOR CHIP**
[54] **DISPOSITIF D'EMISSION, DISPOSITIF DE RECEPTION ET PUCE SEMI-CONDUCTRICE**
[72] ASAKURA, SHINGO, JP
[72] HONDA, MADOKA, JP
[72] MURAYAMA, KENICHI, JP
[72] SHITOMI, TAKUYA, JP
[72] SAITO, SUSUMU, JP
[72] NARIKIYO, YOSHIKAZU, JP
[72] MIYASAKA, HIROAKI, JP
[72] SATOU, AKIHIKO, JP
[72] TAKEUCHI, TOMOAKI, JP
[72] TSUCHIDA, KENICHI, JP
[72] OKANO, MASAHIRO, JP
[72] TAKADA, MASAYUKI, JP
[72] SHIBUYA, KAZUHIKO, JP
[71] NHK ENGINEERING SYSTEM, INC., JP
[71] NIPPON HOSO KYOKAI, JP
[85] 2017-08-09
[86] 2016-02-09 (PCT/JP2016/000678)
[87] (WO2016/129274)
[30] JP (2015-024655) 2015-02-10
[30] JP (2015-129971) 2015-06-29

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[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO MESSAGING GATEWAYS**
[54] **AMELIORATIONS APPORTEES A DES PASSERELLES DE MESSAGERIE**
[72] DE BOER, DOEDE, NL
[72] KUIJPERS, MARIJN, NL
[71] MARKPORT LIMITED, IE
[85] 2017-08-09
[86] 2016-02-08 (PCT/US2016/016961)
[87] (WO2016/130461)
[30] EP (15154290.9) 2015-02-09
[30] EP (15154288.3) 2015-02-09

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[51] **Int.Cl. A61K 39/395 (2006.01) C12Q 1/68 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **DETECTION AND TREATMENT OF MALIGNANT TUMOURS IN THE CNS**
[54] **DETECTION ET TRAITEMENT DE TUMEURS MALIGNES DANS LE SNC**
[72] LUNDGREN AKERLUND, EVY, SE
[72] GISLER, RAMIRO, SE
[72] TALTS, JAN, SE
[71] XINTELA AB, SE
[85] 2017-08-09
[86] 2016-02-16 (PCT/SE2016/050116)
[87] (WO2016/133449)
[30] SE (1550168-7) 2015-02-16

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[51] **Int.Cl. A01N 63/02 (2006.01) A01N 3/02 (2006.01) C12N 1/20 (2006.01) C12N 11/00 (2006.01)**
[25] EN
[54] **POROUS MATRICES FOR CULTURE AND FORMULATION OF AGRICULTURAL BIOPESTICIDES AND CHEMICALS**
[54] **MATRICES POREUSES POUR LA CULTURE ET LA FORMULATION DE PESTICIDES BIOLOGIQUES AGRICOLES ET DE PRODUITS AGROCHIMIQUES**
[72] WICKS, ALAN S., US
[72] PINCHUK, GRIGORIY E., US
[71] AGPW, LLC, US
[85] 2017-08-09
[86] 2015-02-17 (PCT/US2015/016210)
[87] (WO2015/123685)
[30] US (61/940,795) 2014-02-17

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[51] **Int.Cl. A61F 5/445 (2006.01) A61F 5/448 (2006.01)**
[25] EN
[54] **OSTOMY APPLIANCE**
[54] **APPAREIL DE STOMIE**
[72] CARRUBBA, GEORGANN, US
[71] TENCAR INC., US
[85] 2017-08-09
[86] 2016-02-08 (PCT/US2016/016992)
[87] (WO2016/130473)
[30] US (14/617,460) 2015-02-09

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[51] **Int.Cl. B65H 43/00 (2006.01) B65H 7/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING USAGE OF A ROLLED OR STACKED PRODUCT**
[54] **PROCEDE ET SYSTEME POUR DETERMINER L'UTILISATION D'UN PRODUIT ENROULE OU EMPILE**
[72] GREEN, JONATHAN, GB
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2017-08-09
[86] 2015-02-25 (PCT/US2015/017431)
[87] (WO2016/137450)

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[13] A1
[51] **Int.Cl. A47K 10/38 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTHENTICATION OF A PAPER PRODUCT IN A DISPENSER**
[54] **PROCEDE ET SYSTEME D'AUTHENTIFICATION D'UN PRODUIT DE PAPIER DANS UN DISTRIBUTEUR**
[72] GREEN, JONATHAN, GB
[72] BECKER, STEPHEN, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2017-08-09
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[87] (WO2016/137451)

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[51] **Int.Cl. F16L 55/10 (2006.01)**
[25] EN
[54] **BREAKAWAY COUPLING MONITORING**
[54] **SURVEILLANCE DE RACCORD DEMONTABLE**
[72] CORNETT, KENNETH D., US
[72] CAMPAIGNE, TIM, US
[72] LITTLE, JAMES C., US
[72] SRINIVASAN, NIRANJAN, US
[72] VIDUYA, ANDRES DEOGRACIAS, US
[72] BAILLARGEON, JEREMY, US
[72] CARMACK, CAMERON D., US
[71] VEEDER-ROOT COMPANY, US
[85] 2017-08-09
[86] 2016-02-09 (PCT/US2016/017090)
[87] (WO2016/130508)
[30] US (62/113,677) 2015-02-09

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DEVELOPING INDIVIDUAL AND TEAM WASHROOM COMPLIANCE PRACTICES**
[54] **SYSTEME ET PROCEDE POUR DEVELOPPER DES PRATIQUES D'UTILISATION D'UN CABINET DE TOILETTES POUR DES PERSONNES ET DES EQUIPES**
[72] BECKER, STEPHEN, US
[72] KIRKLAND, JASON, US
[72] SCHULZ, THOMAS H., US
[72] TRAMONTINA, PAUL F., US
[72] DUNBAR, CHARLENE, US
[72] MOEDE, WARREN, US
[72] SHEEHAN, CHRISSY, US
[72] SHIPP, PETER W, JR., US
[72] ZIELINSKI, MATTHEW T., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[86] 2015-02-25 (PCT/US2015/017490)
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[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/13 (2012.01)**
[25] EN
[54] **REPEATER FOR A WELLBORE**
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[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **AFFINAGE DE GRAIN PAR ULTRASONS**
[72] HAN, QINGYOU, US
[72] SHAO, LU, US
[72] XU, CLAUSE, US
[71] HANS TECH, LLC, US
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[54] **DISPOSITIF D'AFFICHAGE D'ETAT ELECTROLUMINESCENT**
[72] IGNOMIRELLO, BRIAN M., US
[71] SYMBOLIC IO CORPORATION, US
[85] 2017-08-09
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[54] **BLOCKERS OF THE GROWTH HORMONE RECEPTOR IN DISEASE PREVENTION AND TREATMENT**
[54] **BLOQUEURS DU RECEPTEUR DE L'HORMONE DE CROISSANCE UTILISES DANS LA PREVENTION ET LE TRAITEMENT DE MALADIES**
[72] LONGO, VALTER D., US
[72] BALASUBRAMANIAN, PRIYA, US
[72] NEAMATI, NOURI, US
[72] WEI, MIN, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
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[54] **BEND TO OPEN FLAT POLY-PACK TISSUE CASSETTE FOR USE IN OVER-SHELL DISPENSERS**
[54] **CASSETTE DE MOUCHOIRS EN PAPIER A PLUSIEURS PAQUETS PLATS A OUVERTURE PAR PLIAGE DESTINEE A ETRE UTILISEE DANS DES DISTRIBUTEURS A SURENVELOPPE**
[72] MCCARTHY, DONALD C., US
[72] BURR, WILLIAM G., US
[72] FELIX, JARED S., US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
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[25] EN
[54] **HYDROELECTRIC/HYDROKINETIC TURBINE AND METHODS FOR MAKING AND USING SAME**
[54] **TURBINE HYDROELECTRIQUE/HYDROCINETIQUE ET SES PROCEDES DE FABRICATION ET D'UTILISATION**
[72] SCHURTENBERGER, WALTER, US
[71] HYDROKINETIC ENERGY CORP, US
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[54] **CERTAIN CHEMICAL ENTITIES, COMPOSITIONS, AND METHODS**
[54] **ENTITES CHIMIQUES, COMPOSITIONS ET METHODES PARTICULIERES**
[72] QIAN, XIANGPING, US
[72] ZHU, YONG-LIANG, US
[71] NEUPHARMA, INC., US
[85] 2017-08-09
[86] 2016-02-16 (PCT/US2016/018129)
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[54] **PNEUMATIC ACTUATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ACTIONNEMENT PNEUMATIQUE**
[72] MORICE, PETER G., US
[71] MORICE, PETER G., US
[85] 2017-08-09
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[54] **DEGRADABLE THIOL-ENE POLYMERS AND METHODS OF MAKING THEREOF**
[54] **POLYMERES DE THIOL-ENES DEGRADABLES ET LEURS PROCEDES DE PRODUCTION**
[72] KAZANTSEV, ALEXEI V., US
[72] MARINER, PETER D., US
[72] STANTON, MARTIN, US
[71] MOSAIC BIOSCIENCES, INC., US
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[54] **FILTRATION ASSEMBLY AND SYSTEM**
[54] **ENSEMBLE DE FILTRATION ET SYSTEME ASSOCIE**
[72] WALK, TYLER G., US
[72] WALK, MITCH P., US
[71] WALK INDUSTRIAL INC., US
[85] 2017-08-09
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR REDUCING NON-SPECIFIC AMPLIFICATION PRODUCTS**
[54] **PROCEDE ET COMPOSITIONS POUR REDUIRE LES PRODUITS D'AMPLIFICATION NON SPECIFIQUES**
[72] LIU, ZHITONG, US
[71] PARAGON GENOMICS, INC., US
[85] 2017-08-09
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[54] **CONTINUOUS CARBONYLATION PROCESSES**
[54] **PROCEDES DE CARBONYLATION CONTINUE**
[72] FARMER, JAY J., US
[72] GALEBACH, PETER, US
[72] SHERRY, KYLE, US
[72] SOOKRAJ, SADESH H., US
[71] NOVOMER, INC., US
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[54] **PROCESS AND SYSTEM FOR PRODUCTION OF POLYPROPIOLACTONE**
[54] **PROCEDE ET SYSTEME DE PRODUCTION DE POLYPROPIOLACTONE**
[72] FARMER, JAY J., US
[72] GALEBACH, PETER, US
[72] SHERRY, KYLE, US
[72] SOOKRAJ, SADESH H., US
[71] NOVOMER, INC., US
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[54] **TRIAZOLOPYRIDINES AND TRIAZOLOPYRIMIDINES THAT LOWER STRESS-INDUCED P-TAU**
[54] **TRIAZOLOPYRIDINES ET TRIAZOLOPYRIMIDINES QUI ABAISSENT LA P-TAU PROVOQUEE PAR LE STRESS**
[72] JOHN, VARGHESE, US
[72] BREDESEN, DALE E., US
[71] BUCK INSTITUTE FOR RESEARCH ON AGING, US
[85] 2017-08-09
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[54] **SYSTEM AND METHOD FOR ACTIVITY MONITORING**
[54] **SYSTEME ET PROCEDE POUR UNE SURVEILLANCE D'ACTIVITE**
[72] HAVAS, PETER ROY, US
[72] CARRETT, CAMERON JOHN, US
[71] PILLDRILL, INC., US
[85] 2017-08-09
[86] 2016-02-17 (PCT/US2016/018349)
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[54] **SYSTEM FOR AND METHOD OF TREATING ANEURYSMS**
[54] **SYSTEME ET PROCEDE POUR TRAITER LES ANEVRISMES**
[72] BADRUDDIN, AAMIR, US
[72] PEREIRA, EDGARD LUIZ RAMOS, US
[72] WOLFE, THOMAS J., US
[72] ZAIDAT, OSAMA O., US
[71] GALAXY THERAPEUTICS, LLC, US
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[25] EN
[54] **SYSTEM AND PROCESS FOR DRY RECOVERY OF IRON OXIDE FINES FROM IRON BEARING COMPACT AND SEMICOMPACT ROCKS**
[54] **SYSTEME ET PROCEDE DE RECUPERATION A SEC DE PARTICULES FINES D'OXYDE DE FER A PARTIR DE ROCHES COMPACTES ET SEMI-COMPACTES RENFERMANT DU FER**
[72] FUMYO YAMAMOTO, MAURO, BR
[71] NEW STEEL SOLUCOES SUSTENTAVEIS S.A., BR
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[54] **APPARATUS AND METHOD FOR MICROFLUIDIC MAGNETIC SELF-ASSEMBLY AT LIQUID-LIQUID INTERFACES**
[54] **APPAREIL ET METHODE DESTINES A UN DISPOSITIF AUTOASSEMBLE MAGNETIQUE MICROFLUIDIQUE AUX INTERFACES LIQUIDE-LIQUIDE**
[72] TSAI, SCOTT, CA
[72] JONES, STEVEN, CA
[72] JERVIS, ERIC, CA
[71] TSAI, SCOTT, CA
[71] JONES, STEVEN, CA
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[54] **SITE SPECIFIC HER2 ANTIBODY DRUG CONJUGATES**
[54] **CONJUGUES DE MEDICAMENTS ANTICORPS HER2 SPECIFIQUES AU SITE**
[72] MA, DANGSHE, US
[72] LOGANZO, FRANK, JR., US
[72] MARQUETTE, KIMBERLY ANN, US
[72] GRAZIANI, EDMUND IDRIS, US
[72] SAPRA, PUJA, US
[72] STROP, PAVEL, US
[71] PFIZER INC., US
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[54] **TOPICAL PHARMACEUTICAL FORMULATIONS**
[54] **PREPARATIONS PHARMACEUTIQUES TOPIQUES**
[72] CORONADO, DINA JENA, US
[72] IMBERT, DELPHINE CAROLINE, US
[72] MERCHANT, TEJAL, US
[72] YEP, SYLVIA ZARELA, US
[72] LEE, CHARLES EDWARD, US
[71] ANACOR PHARMACEUTICALS, INC., US
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[25] FR
[54] **OPTIMISATION OF A DEASPHALTING PROCESS WITH THE AIM OF PRODUCING A UNIT CHARGE OF CARBON BLACK**
[54] **OPTIMISATION D'UN PROCEDE DE DESASPHALTAGE DANS L'OBJECTIF DE PRODUIRE UNE CHARGE D'UNITE DE NOIR DE CARBONE**
[72] CHATRON-MICHAUD, PASCAL, FR
[72] MAJCHER, JEROME, FR
[71] IFP ENERGIES NOUVELLES, FR
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[54] **COMPOSITIONS FOR IMPROVING SAFETY OF PHARMACEUTICAL FORMULATIONS**
[54] **COMPOSITIONS DESTINEES A AMELIORER LA SECURITE DES FORMULATIONS PHARMACEUTIQUES**
[72] KWIECINSKI, MARK, CA
[71] KWIECINSKI, MARK, CA
[22] 2016-12-09
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION OF VORTIOXETINE HYDROBROMIDE COMPRISING VORTIOXETINE HYDROBROMIDE IN A POLYETHYLENE OXIDE MATRIX**
[54] **COMPOSITION PHARMACEUTIQUE DE BROMHYDRATE DE VIORTIOXETINE RENFERMANT DU BROMHYDRATE DE VIORTIOXETINE DANS UNE MATRICE D'OXYDE DE POLYETHYLENE**
[72] KREKELER, ANDREAS, DE
[72] NEUMANN, DIMITRI, DE
[72] SEDLMAYR, MICHAEL, DE
[71] HEXAL AKTIENGESELLSCHAFT, DE
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[54] **DETERMINATION DE LA VIABILITE DE LA REANIMATION**
[72] FILICE, ANTHONY, CA
[71] FILICE, ANTHONY, CA
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[51] **Int.Cl. C07D 307/33 (2006.01)**
[25] EN
[54] **A SELECTIVE PROCESS FOR CONVERSION OF LEVULINIC ACID TO GAMMA-VALEROLACTONE**
[54] **UN PROCEDE SELECTIF DE CONVERSION D'ACIDE LEVULINIQUE EN GAMMA-VALEROLACTONE**
[72] TOPPINEN, SAMI, FI
[71] NESTE OYJ, FI
[22] 2016-12-12
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[54] **TANK-BINDING KINASE INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE KINASE SE LIANT AU GENE TANK**
[72] DU, ZHIMIN, US
[72] DORNAN, DAVID, US
[72] GUERRERO, JUAN A., US
[72] KAPLAN, JOSHUA A., US
[72] KNOX, JOHN E., US
[72] NADUTHAMBI, DEVAN, US
[72] PHILLIPS, BARTON W., US
[72] STINSON, SUSANNA Y., US
[72] VENKATARAMANI, CHANDRASEKAR, US
[72] WANG, PEIYUAN, US
[72] WATKINS, WILLIAM J., US
[71] GILEAD SCIENCES, INC., US
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[54] **COMBINED LEVULINIC ACID AND FURFURAL PRODUCTION FROM BIOMASS**
[54] **PRODUCTION COMBINEE D'ACIDE LEVULINIQUE ET DE FURFURAL A PARTIR DE BIOMASSE**
[72] PASANEN, ANTTI, FI
[71] NESTE OYJ, FI
[22] 2016-12-14
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[51] **Int.Cl. G01N 33/48 (2006.01) G01N 1/44 (2006.01) G01N 33/497 (2006.01) G01N 33/98 (2006.01)**
[25] EN
[54] **CHEMICAL IMPAIRMENT DETECTION SYSTEM WITH AN INTEGRATED, MULTI-FUNCTION BREATH CHAMBER**
[54] **SYSTEME DE DETECTION D'ANOMALIE CHIMIQUE COMPORTANT UNE CHAMBRE RESPIRATOIRE INTEGREE MULTIFONCTIONNELLE**
[72] TRAINOR, NICHOLAS M., US
[72] URANI, LOUIS, US
[72] HU, JAMES, US
[72] VATTER, JEFFREY, US
[72] GALVIN, SCOTT A., US
[72] HAMO, DAVID, US
[72] COLLINS, WILLIAM H., US
[72] DUNN, JAMES, US
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[54] **TOPICAL COMPOSITIONS COMPRISING PICHIA ANOMALA AND CHICORY ROOT EXTRACTS**
[54] **COMPOSITIONS TOPIQUES RENFERMANT DES EXTRAITS DE PICHIA ANOMALA ET DE RACINE DE CHICOREE**
[72] BALLESTEROS, ANN THEODORE, US
[72] MAHMOOD, KHALID, US
[72] MOREIRA, LILIAM A., US
[72] PARSA, RAMINE, US
[72] SOUTHALL, MICHAEL D., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **STABLE FOAMING COMPOSITION AND METHOD OF USE**
[54] **COMPOSITION MOUSSANTE STABLE ET METHODE D'UTILISATION**
[72] PATEL, JIGER, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[25] EN
[54] **CRYSTALLINE AND AMORPHOUS FORMS OF OLAPARIB**
[54] **FORME CRISTALLINE ET FORME AMORPHE D'OLAPARIB**
[72] NOVO, BARBARA, IT
[72] BONANOMI, JACOPO, IT
[72] DE FIORE, STELLA, IT
[72] CALOGERO, FRANCESCO, IT
[71] OLON S.P.A., IT
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[25] EN
[54] **THERAPEUTIC DELIVERY FORMULATIONS AND SYSTEMS COMPRISING CANNABINOIDS AND TERPENES**
[54] **FORMULATIONS D'ADMINISTRATION THERAPEUTIQUE ET SYSTEMES RENFERMANT DES CANNABINOIDES ET DES TERPENES**
[72] WALLIS, SIMON WALLIS, CA
[71] DELTA 9 GARDENING B.V., CA
[22] 2016-12-19
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[25] EN
[54] **SUBSTITUTED 3-AZABICYCLO[3.1.0]HEXANES AS KETOHEXOKINASE A AND C INHIBITORS**
[54] **3-AZABICYCLO[3.1.0]HEXANES SUBSTITUES EN TANT QU'INHIBITEURS DE LA CETOHEXOKINASE A ET C**
[72] DOWLING, MATTHEW, US
[72] FERNANDO, DILINIE, US
[72] FUTATSUGI, KENTARO, US
[72] HUARD, KIM, US
[72] MAGEE, THOMAS VICTOR, US
[72] RAYMER, BRIAN, US
[72] SHAVNYA, ANDRE, US
[72] SMITH, AARON, US
[72] THUMA, BENJAMIN, US
[72] TSAI, ANDY, US
[72] TU, MEIHUA, US
[71] PFIZER INC., US
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[41] 2017-06-29
[30] US (62/272,598) 2015-12-29
[30] US (62/423,549) 2016-11-17

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[25] EN
[54] **RENEWABLE HYDROCARBONS, METHOD FOR PRODUCING THE SAME AND USE THEREOF**
[54] **HYDROCARBURES RENOUVELABLES, PROCEDE DE PRODUCTION DESDITS HYDROCARBURES ET UTILISATION DE CEUX-CI**
[72] MYLLYOJA, JUKKA, FI
[72] LINDBLAD, MARINA, FI
[72] KALDSTROM, MATS, FI
[72] PIILOLA, RAMI, FI
[72] IKONEN, ELIAS, FI
[71] NESTE OYJ, FI
[22] 2016-12-20
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[30] EP (15202932.8) 2015-12-29

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **USE OF NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN IN MANUFACTURE OF MEDICAMENT FOR PREVENTION OR TREATMENT OF POLYCYSTIC KIDNEY DISEASE**
[54] **UTILISATION DE LIPOCALINE DES NEUTROPHILES ASSOCIEE A LA GELATINASE DANS LA FABRICATION D'UN MEDICAMENT DESTINE A LA PREVENTION OU AU TRAITEMENT DE LA POLYKYSTOSE RENALE**
[72] HSIEH, HSIU-MEI, TW
[72] WANG, YI-REN, TW
[72] JIANG, SI-TSE, TW
[72] JENG, WEN-YIH, TW
[71] NATIONAL TAIWAN NORMAL UNIVERSITY, TW
[22] 2016-12-20
[41] 2017-06-23
[30] TW (104143323) 2015-12-23

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[13] A1
[51] **Int.Cl. C10L 1/10 (2006.01) C10L 1/16 (2006.01)**
[25] EN
[54] **RENEWABLE DVPE ADJUSTMENT MATERIAL, FUEL BLEND CONTAINING THE SAME, AND METHOD FOR PRODUCING A FUEL BLEND**
[54] **MATERIAU D'AJUSTEMENT D'EQUIVALENT DE PRESSION DE VAPEUR SECHE RENOUVELABLE, MELANGE DE CARBURANT CONTENANT CELUI-CI ET PROCEDE DE PRODUCTION D'UN MELANGE DE CARBURANT**
[72] KIISKI, ULLA, FI
[72] LINDBLAD, MARINA, FI
[72] MYLLYOJA, JUKKA, FI
[72] KARVO, ANNA, FI
[71] NESTE OYJ, FI
[22] 2016-12-20
[41] 2017-06-29
[30] EP (15202930.2) 2015-12-29

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[51] **Int.Cl. C10L 1/04 (2006.01) C07C 1/207 (2006.01) C07C 51/353 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING RENEWABLE MIDDLE-DISTILLATE COMPOSITION, USE OF THE COMPOSITION AND FUEL CONTAINING THE SAME**
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DE DISTILLAT MOYEN RENOUVELABLE, UTILISATION DE LA COMPOSITION ET CARBURANT CONTENANT CELLE-CI**
[72] SANDBERG, KATI, FI
[72] KIISKI, ULLA, FI
[72] LINDBLAD, MARINA, FI
[72] MYLLYOJA, JUKKA, FI
[71] NESTE OYJ, FI
[22] 2016-12-23
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[51] **Int.Cl. C10L 10/08 (2006.01) C07C 51/31 (2006.01) C10G 3/00 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **RENEWABLE DIESEL FUEL COMPOSITION**
[54] **COMPOSITION DE CARBURANT DIESEL RENOUVELABLE**
[72] KIISKI, ULLA, FI
[72] MYLLYOJA, JUKKA, FI
[72] LINDBLAD, MARINA, FI
[72] IKONEN, ELIAS, FI
[72] SELANTAUS, MAARIA, FI
[71] NESTE OIL OYJ, FI
[22] 2016-12-22
[41] 2017-06-29
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[13] A1
[51] **Int.Cl. C10G 33/06 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR RECOVERING WATER FROM AN EMULSION PRODUCED FROM A HYDROCARBON PRODUCTION OPERATION**
[54] **PROCEDE ET SYSTEME POUR RECUPERER DE L'EAU D'UNE EMULSION PRODUITE PAR UNE OPERATION DE PRODUCTION D'HYDROCARBURE**
[72] GUPTA, SUBODH, CA
[72] HOLMES, MICHAEL N., CA
[72] MCKAY, MICHAEL PATRICK, CA
[72] REN, SUCHANG, CA
[72] SUN, SUSAN WEI, CA
[71] CENOVUS ENERGY INC., CA
[22] 2016-12-28
[41] 2017-06-29
[30] US (62/272,396) 2015-12-29

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **INTRADERMAL ADMINISTRATION OF IMMUNOGLOBULIN G PREPARATION**
[54] **ADMINISTRATION INTRADERMIQUE DE PREPARATION D'IMMUNOGLOBULINE G**
[72] ARORA, VIKRAM, US
[72] CRUMRINE, RALPH CHRISTIAN, US
[72] BERGSTRAND, KRISTINE, US
[72] LI, HONGBIN, US
[72] WILLIS, TODD W., US
[71] GRIFOLS WORLDWIDE OPERATIONS LIMITED, IE
[22] 2017-01-03
[41] 2017-08-05
[30] US (62/292,075) 2016-02-05

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[51] **Int.Cl. A61K 47/38 (2006.01) A61K 8/04 (2006.01) A61K 8/19 (2006.01) A61K 8/34 (2006.01) A61K 8/73 (2006.01) A61K 8/96 (2006.01) A61K 9/107 (2006.01) A61K 31/045 (2006.01) A61K 33/00 (2006.01) A61K 35/02 (2015.01) A61Q 17/00 (2006.01)**
[25] FR
[54] **AQUEOUS FORMULA INCLUDING A LIPOPHILIC COMPOUND**
[54] **FORMULATION AQUEUSE COMPRENANT UNE COMPOSITION LIPOPHILE**
[72] VIDAL, NICOLAS, FR
[72] LESGARDS, JEAN-FRANCOIS, FR
[71] EVERGREEN LAND LIMITED, CN
[22] 2017-01-04
[41] 2017-07-08
[30] FR (FR-16 50158) 2016-01-08

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[13] A1
[51] **Int.Cl. A61K 38/06 (2006.01) A61K 36/185 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **HERBAL FORMULATIONS OF CARNIVOROUS PLANTS AND METHODS FOR TREATING INFLAMMATION**
[54] **FORMULATIONS D'HERBES DE PLANTES CARNIVORES ET METHODES DE TRAITEMENT DE L'INFLAMMATION**
[72] GOWEY, BRANDIE, US
[71] GOWEY RESEARCH GROUP, PLLC, US
[22] 2017-01-06
[41] 2017-07-07
[30] US (14/990,107) 2016-01-07

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[13] A1
[51] **Int.Cl. B65D 81/34 (2006.01) B31B 70/74 (2017.01) B65D 30/08 (2006.01)**
[25] EN
[54] **COOKING BAG WITH REMOVABLE PRINT WEB**
[54] **SAC DE CUISSON A BANDE D'IMPRESSION AMOVIBLE**
[72] HUFFER, SCOTT WILLIAM, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2017-01-11
[41] 2017-08-11
[30] US (15/041,621) 2016-02-11

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[13] A1
[51] **Int.Cl. C12N 15/62 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/705 (2006.01) C07K 19/00 (2006.01) C12N 9/12 (2006.01) C12N 15/12 (2006.01) C12N 15/54 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **IMMUNOGENS DERIVED FROM TUMOR-ASSOCIATED ANTIGENS OR NUCLEIC ACID MOLECULES ENCODING THE IMMUNOGENS**
[54] **IMMUNOGENES DERIVES D'ANTIGENES ASSOCIES A UNE TUMEUR OU DES MODULES D'ACIDE NUCLEIQUE CODANT LES IMMUNOGENES**
[72] BINDER, JOSEPH JOHN, US
[72] CHO, HELEN KIM, US
[72] COCKLE, PAUL JASON, US
[72] FALCONER, DEREK JOHN, US
[72] GURU, SIRADANAHALLI, US
[72] JOOSS, KARIN UTE, US
[72] MARTINIC, MARIANNE MARCELA ANDREA, US
[72] WILLS, KENNETH NELSON, US
[71] PFIZER INC., US
[22] 2017-01-16
[41] 2017-07-19
[30] US (62/280,636) 2016-01-19
[30] US (62/419,190) 2016-11-08

[21] **2,955,184**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION OF AN OX40 AGONIST AND A 4-1BB AGONIST FOR TREATING CANCER**
[54] **COMBINAISON D'UN AGONISTE OX40 ET D'UN AGONISTE 4-1BB DESTINEE AU TRAITEMENT DU CANCER**
[72] LONG, HUA, US
[72] THALL, ARON DAVID, US
[71] PFIZER INC., US
[22] 2017-01-17
[41] 2017-07-25
[30] US (62/286,616) 2016-01-25

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[13] A1
[51] **Int.Cl. A61K 38/38 (2006.01) A61K 33/06 (2006.01) A61P 25/22 (2006.01)**
[25] EN
[54] **NUTRITIONAL SUPPLEMENT FOR USE IN COMBATTING STRESS AND ANXIETY IN PETS**
[54] **SUPPLEMENT NUTRITIF DESTINE A COMBATTRE LE STRESS ET L'ANXIETE CHEZ LES ANIMAUX DE COMPAGNIE**
[72] CHAUDER, ANNE, FR
[71] DOMES PHARMA, FR
[22] 2017-01-19
[41] 2017-07-21
[30] FR (1650472) 2016-01-21

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[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01)**
[25] EN
[54] **METHOD OF EXTRACTING NUTRIENTS FROM A PLANT**
[54] **METHODE D'EXTRACTION DE NUTRIMENTS D'UN VEGETAL**
[72] SUN, CHUNG-CHIN, CA
[72] LIN, YEUH-HUI, TW
[72] WANG, SHAN-SHUE, TW
[71] NUECOLOGY BIOMEDICAL INC., CA
[22] 2017-01-18
[41] 2017-08-02
[30] CN (201610072875.1) 2016-02-02

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CW1410087**
[54] **CULTIVAR DE SOYA CW1410087**
[72] DELHEIMER, JACOB CHARLES, US
[72] MCCLURE, DONALD BRUCE, CA
[72] LEE, DAVID SCOTT, CA
[72] GELIN, JEAN ROBERT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-01-20
[41] 2017-08-12
[30] US (15/042,471) 2016-02-12

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[25] EN
[54] **SOYBEAN CULTIVAR GO1312093**
[54] **CULTIVAR DE SOYA GO1312093**
[72] DELHEIMER, JACOB CHARLES, US
[72] GELIN, JEAN ROBERT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-01-20
[41] 2017-08-11
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[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1215503**
[54] **CULTIVAR DE SOYA AR1215503**
[72] MCCLURE, DONALD BRUCE, CA
[72] LEE, DAVID S., CA
[72] DELHEIMER, JACOB CHARLES, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-01-20
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[25] EN
[54] **SOYBEAN CULTIVAR GO1311890**
[54] **CULTIVAR DE SOYA GO1311890**
[72] DELHEIMER, JACOB CHARLES, US
[72] GELIN, JEAN ROBERT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-01-20
[41] 2017-08-11
[30] US (15/041,388) 2016-02-11

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[51] **Int.Cl. F01M 13/04 (2006.01) B01D 35/02 (2006.01)**
[25] EN
[54] **CRANKCASE VENTILATION AND CENTRIFUGAL OIL FILTER**
[54] **AERATION DE CARTER ET FILTRE A HUILE CENTRIFUGE**
[72] GROVER, BENJAMIN T., US
[71] PACCAR INC, US
[22] 2017-01-25
[41] 2017-08-03
[30] US (15/015,011) 2016-02-03

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[51] **Int.Cl. G01N 29/24 (2006.01)**
[25] EN
[54] **ULTRASONIC TESTING SYSTEMS HAVING ADJUSTABLE ARRAYS AND ASSOCIATED METHODS OF USE AND MANUFACTURE**
[54] **DISPOSITIFS DE TEST ULTRASONIQUE COMPORTANT DES RESEAUX REGLABLES ET METHODES ASSOCIEES D'UTILISATION ET DE FABRICATION**
[72] THORPE, DALE E., US
[72] MILLER, PETER EDWARD, US
[72] WALTERS, CHARLES ROBERT, JR., US
[72] BEWSEY, CHRISTOPHER ALLEN, US
[71] PULSE MANUFACTURING LLC D/B/A ADVANCED MATERIAL SOLUTIONS, INC., US
[22] 2017-02-01
[41] 2017-08-02
[30] US (62/290,348) 2016-02-02

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[51] **Int.Cl. B05B 1/14 (2006.01)**
[25] EN
[54] **COATING NOZZLE AND COATING DEVICE**
[54] **BUSE DE REVETEMENT ET DISPOSITIF DE REVETEMENT**
[72] KAWABE, GAKU, JP
[72] MURAKAMI, SHINYA, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-08
[41] 2017-08-09
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[51] **Int.Cl. C01F 7/46 (2006.01) B01D 21/01 (2006.01) C02F 1/56 (2006.01) C22B 3/22 (2006.01)**
[25] EN
[54] **USE OF SILICON-CONTAINING POLYMERS TO IMPROVE RED MUD FLOCCULATION IN THE BAYER PROCESS**
[54] **UTILISATION DE POLYMERES CONTENANT DU SILICIUM POUR AMELIORER LA FLOCULATION DES BOUES ROUGES DANS LE PROCEDE BAYER**
[72] DAI, QI, US
[72] SPITZER, DONALD PAUL, US
[72] HEITNER, HOWARD I., US
[72] CHEN, H-L TONY, US
[71] CYTEC TECHNOLOGY CORP., US
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[41] 2008-10-30
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[25] EN
[54] **DIBLOCK COPOLYMERS AND POLYNUCLEOTIDE COMPLEXES THEREOF FOR DELIVERY INTO CELLS**
[54] **COPOLYMERES DIBLOCS ET COMPLEXES POLYNUCLEOTIDIQUES POUR ADMINISTRATION DANS DES CELLULES**
[72] STAYTON, PATRICK S., US
[72] HOFFMAN, ALLAN S., US
[72] CONVERTINE, ANTHONY J., US
[72] BENOIT, DANIELLE, US
[72] DUVALL, CRAIG L., US
[72] JOHNSON, PAUL, US
[72] GALL, ANNA, US
[71] UNIVERSITY OF WASHINGTON, US
[71] PHASERX, INC., US
[22] 2009-05-13
[41] 2009-11-19
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[30] US (61/052,908) 2008-05-13
[30] US (61/052,914) 2008-05-13
[30] US (61/091,294) 2008-08-22
[30] US (61/112,054) 2008-11-06
[30] US (61/112,048) 2008-11-06
[30] US (61/120,769) 2008-12-08
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[25] EN
[54] **FAN SYSTEMS**
[54] **SYSTEMES DE VENTILATION**
[72] SAHU, KAPIL DAS, IN
[72] USELTON, ROBERT B. "DUTCH", US
[71] LENNOX INDUSTRIES INC., US
[22] 2014-04-22
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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 47/095 (2012.01) E21B 47/26 (2012.01) E21B 47/08 (2012.01) E21B 47/12 (2012.01)**
[25] EN
[54] **MICROSEISMIC MONITORING WITH FIBER-OPTIC NOISE MAPPING**
[54] **CONTROLE MICROSISMIQUE AVEC CARTOGRAPHIE DE BRUIT SUR FIBRES OPTIQUES**
[72] PETRELLA, ALLAN, CA
[72] ANDREYCHUK, MARK, CA
[72] ANGMAN, PER, CA
[71] KOBOLD CORPORATION, CA
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[51] **Int.Cl. E02D 29/12 (2006.01) E03F 5/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REPAIRING THE WALL OF A MANHOLE**
[54] **PROCEDE ET APPAREIL POUR REPARER LA PAROI D'UN TROU D'HOMME**
[72] KIEST, LARRY W., JR., US
[71] LMK TECHNOLOGIES, LLC, US
[22] 2011-10-12
[41] 2012-06-07
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[30] US (12/959,044) 2010-12-02

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[51] **Int.Cl. A61K 38/16 (2006.01) A61K 38/06 (2006.01) A61K 38/08 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL PEPTIDES COMPRISING AN ARGININE-AND/OR LYSINE-CONTAINING MOTIF**
[54] **PEPTIDES ANTIMICROBIENS COMPRENANT UN MOTIF RENFERMANT UNE ARGININE ET/OU UNE LYSINE**
[72] O'NEIL, DEBORAH, GB
[71] NOVABIOTICS LIMITED, GB
[22] 2005-08-18
[41] 2006-02-23
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[30] GB (0418414.9) 2004-08-18
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[13] A1
[51] **Int.Cl. H04N 19/124 (2014.01) H04N 19/107 (2014.01)**
[25] EN
[54] **IMAGE PROCESSING APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGES**
[72] SATO, KAZUSHI, JP
[71] SONY CORPORATION, JP
[22] 2011-06-03
[41] 2011-12-08
[62] 2,798,927
[30] JP (2010-129414) 2010-06-04
[30] JP (2010-222300) 2010-09-30
[30] JP (2011-053479) 2011-03-10
[30] JP (2011-054816) 2011-03-11

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[13] A1
[51] **Int.Cl. A61B 5/151 (2006.01) A61B 5/157 (2006.01)**
[25] EN
[54] **LANCETS FOR BODILY FLUID SAMPLING SUPPLIED ON A TAPE**
[54] **LANCETTES POUR L'ECHANTILLONNAGE DE LIQUIDE BIOLOGIQUE DISPOSEES SUR UN BANDE**
[72] RANEY, CHARLES C., US
[72] LIST, HANS, DE
[72] ROE, STEVEN N., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2005-04-27
[41] 2005-11-17
[62] 2,932,743
[30] US (10/836,578) 2004-04-30
[30] US (11/105,686) 2005-04-14

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[13] A1
[51] **Int.Cl. A61B 5/151 (2006.01) A61B 5/157 (2006.01)**
[25] EN
[54] **LANCETS FOR BODILY FLUID SAMPLING SUPPLIED ON A TAPE**
[54] **LANCETTES POUR L'ECHANTILLONNAGE DE LIQUIDE BIOLOGIQUE DISPOSEES SUR UNE BANDE**
[72] RANEY, CHARLES C., US
[72] LIST, HANS, DE
[72] ROE, STEVEN N., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2005-04-27
[41] 2005-11-17
[62] 2,932,743
[30] US (10/836,578) 2004-04-30
[30] US (11/105,686) 2005-04-14

[21] **2,974,924**
[13] A1
[51] **Int.Cl. A61B 18/00 (2006.01) A61B 17/29 (2006.01) A61B 17/32 (2006.01)**
[25] EN
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[72] FALLER, CRAIG N., US
[72] ISAACS, KAREN M., US
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[72] NEUENFELDT, STEVEN K., US
[72] NEUROHR, MARK A., US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2005-10-07
[41] 2006-04-20
[62] 2,582,520
[30] US (60/617,427) 2004-10-08

[21] **2,975,031**
[13] A1
[51] **Int.Cl. H04L 9/08 (2006.01) H04L 9/30 (2006.01)**
[25] EN
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[72] O'NEAL, MIKE, US
[72] TALTON, JOHN P., US
[71] NETWORK FOUNDATION TECHNOLOGIES, LLC, US
[22] 2005-07-11
[41] 2006-01-26
[62] 2,577,443
[30] US (60/586,876) 2004-07-09

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[21] **2,975,216**
[13] A1
[51] **Int.Cl. F16L 55/38 (2006.01) G01M 99/00 (2011.01) F17D 5/00 (2006.01)**
[25] EN
[54] **SPEED CONTROL DRIVE SECTION WITH FAILSAFE VALVE**
[54] **SECTION DE COMMANDE DE REGULATION DE VITESSE AVEC SOUPAPE A SECURITE INTEGREE**
[72] LUDLOW, JED, US
[72] GLASS, KEITH, CA
[72] WARKENTIN, JONATHAN, CA
[72] LAURSEN, PAUL, CA
[71] TDW DELAWARE, INC., US
[22] 2010-08-11
[41] 2011-02-17
[62] 2,773,613
[30] US (12/539,696) 2009-08-12

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[21] **2,975,228**
[13] A1
[51] **Int.Cl. C07H 13/00 (2006.01) C12P 21/00 (2006.01) C12P 21/08 (2006.01)**
[25] EN
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[54] **PROCEDE ET COMPOSITIONS POUR PREPARER DES ANTICORPS ET DES DERIVES D'ANTICORPS AVEC UNE FUCOSYLATION CENTRALE REDUITE**
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[72] JEFFREY, SCOTT C., US
[72] SUSSMAN, DJANGO, US
[72] BENJAMIN, DENNIS R., US
[72] TOKI, BIRAN, US
[72] BURKE, PATRICK J., US
[71] SEATTLE GENETICS, INC., US
[22] 2009-05-01
[41] 2009-11-05
[62] 2,723,197
[30] US (61/050,173) 2008-05-02
[30] US (61/092,700) 2008-08-28
[30] US (61/107,289) 2008-10-21

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[21] **2,975,462**
[13] A1
[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
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[72] OZAWA, YUZURU, JP
[72] TAMAKI, SHINJI, JP
[72] KIKUCHI, KENJI, JP
[71] RICOH COMPANY, LIMITED, JP
[22] 2013-06-03
[41] 2013-12-12
[62] 2,875,393
[30] JP (2012-126637) 2012-06-03
[30] JP (2012-126642) 2012-06-03
[30] JP (2013-092765) 2013-04-25
[30] JP (2013-092938) 2013-04-25

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[21] **2,975,465**
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[51] **Int.Cl. G01S 19/40 (2010.01) G01S 19/23 (2010.01) G01S 19/33 (2010.01) G01S 19/47 (2010.01)**
[25] EN
[54] **POSITIONING DETERMINATIONS OF RECEIVERS**
[54] **DETERMINATIONS DE POSITIONNEMENT DE RECEPTEURS**
[72] MARTENS, CHRISTOPHER J., US
[72] GUTT, GREGORY M., US
[71] THE BOEING COMPANY, US
[22] 2010-04-19
[41] 2010-10-28
[62] 2,759,257
[30] US (61/171009) 2009-04-20
[30] US (61/177579) 2009-05-12
[30] US (12/699679) 2010-02-03

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[21] **2,975,466**
[13] A1
[51] **Int.Cl. F02G 5/04 (2006.01) C01B 3/02 (2006.01) C01B 3/32 (2006.01) F01K 25/00 (2006.01) F01K 27/02 (2006.01) F01N 5/02 (2006.01)**
[25] EN
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[72] BATES, LYLE, US
[71] PARADIGM WATERWORKS, LLC, US
[22] 2010-11-16
[41] 2011-05-19
[62] 2,780,306
[30] US (61/261720) 2009-11-16

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[21] **2,975,521**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/573 (2006.01) A61P 11/06 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01)**
[25] EN
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[54] **ANTICORPS ANTI-NGF POUR LE TRAITEMENT DE DIVERS TROUBLES**
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[71] GENENTECH, INC., US
[22] 2002-05-09
[41] 2002-12-05
[62] 2,448,956
[30] US (60/294,392) 2001-05-30

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[21] **2,975,561**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) F04B 47/06 (2006.01) F04B 49/06 (2006.01) H02K 41/02 (2006.01)**
[25] EN
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[72] KEOHANE, EUGENE F., US
[72] KINNAMAN, BENJAMIN W., US
[71] MOOG INC., US
[22] 2013-11-26
[41] 2014-05-30
[62] 2,890,301
[30] US (61/729,815) 2012-11-26

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[21] **2,975,567**
[13] A1
[51] **Int.Cl. H04L 12/825 (2013.01) H04L 12/833 (2013.01) H04L 12/42 (2006.01)**
[25] EN
[54] **DYNAMIC, ASYMMETRIC RINGS**
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[72] BRUNO, JOHN, US
[71] GENESIS TECHNICAL SYSTEMS CORP., CA
[22] 2008-10-01
[41] 2009-04-09
[62] 2,709,413
[30] US (60/977,231) 2007-10-03

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[21] **2,975,699**
[13] A1
[51] **Int.Cl. G21K 1/04 (2006.01) A61B 6/02 (2006.01)**
[25] EN
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[72] MELMAN, HAIM ZVI, IL
[72] GUEZ, ALLON, US
[71] CONTROLRAD SYSTEMS INC., US
[22] 2013-11-07
[41] 2014-06-05
[62] 2,892,970
[30] US (61/730,987) 2012-11-29

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CARRISON, HAROLD FRANCIS 2,735,748
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CARTER, NEIL BRIAN 2,746,394
CARTIER, JEREMIE 2,755,826
CARVALHO, MARIA DA GLORIA SIQUEIRA 2,687,375
CARVIN, PASCAL 2,791,638
CASAR, ZDENKO 2,750,801
CASE, VANE 2,785,371
CASEY, MEGAN 2,885,860
CASNER, BRUCE A. 2,765,251
CASSAYRE, JEROME YVES 2,746,394
CATENA RUIZ, JUAN LORENZO 2,764,214
CATERPILLAR GLOBAL MINING LLC 2,791,555
CAVENDER, TRAVIS W. 2,821,267
CAWOOD, MATTHEW D. 2,903,920
CCL SECURE PTY LTD 2,753,848
CECCARELLI, SIMONA M. 2,758,210
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.) 2,773,986
CEQUINT, INC. 2,758,696
CERIOLI, MARIO 2,737,273
CHABANNE, CHRISTOPHE 2,837,893
CHABRIER DE LASSAUNIERE, PIERRE-ETIENNE 2,667,128
CHAFFEE, CLARENCE LEWIS, JR. 2,752,538
CHANG, FRANK 2,889,895
CHANVRIER, HELENE MICHELE JEANNE 2,755,826
CHAPMAN, ROBERT F. 2,835,168
CHARANIA, AMIRALI KAYAMALI 2,749,559
CHARPENTIER, CHRISTINE 2,687,827
CHASSER, ANTHONY M. 2,900,623
CHATTERJEE, SUROJIT 2,823,862
CHAU, MARK 2,744,395
CHAUDHARY, BHARAT I. 2,812,746
CHECKETTS, STANLEY J. 2,749,506
CHEN, BUO 2,812,746
CHEN, CHARLIE 2,828,418
CHEN, CHEN 2,823,862
CHEN, GANG 2,722,858
CHEN, HORNG H. 2,660,294
CHEN, JIANLE 2,822,800
CHEN, KAI 2,722,858
CHEN, QIYUE 2,875,377
CHEN, XIANGDONG 2,939,202
CHEN, XIAOLING 2,751,886
CHEN, YUE 2,894,560
CHENG, HSIN-LIN 2,925,042
CHENG, JING 2,894,192
CHEUNG, WANG FUNG 2,926,870
CHI SING, EDUARDO 2,629,182
CHIECO, PASQUALE 2,694,267
CHIEN, WEI-JUNG 2,854,509
CHILVER, IAN 2,749,384
CHILVER, IAN 2,749,390
CHINA INTERNATIONAL MARINE CONTAINERS (GROUP) LTD. 2,885,764
CHO, JOON YOUNG 2,787,440
CHOE, JEEHYUN 2,820,025
CHOI, BYEONG-DOO 2,903,190
CHOI, SEUNG HOON 2,787,440
CHONG, TREVOR 2,731,447
CHOW, JONG H. 2,723,244
CHOW, KEN 2,737,604
CHRISTEN, DANIEL P. 2,757,084
CHRISTENSEN, TOR 2,709,604
CHROMATIC INDUSTRIES, INC. 2,764,805
CHRONISTER, BENJAMIN 2,776,494
CHU, KIRK 2,665,489
CHUDY, DUANE S. 2,828,034
CHUN, PETER 2,881,879
CIANNA MEDICAL, INC. 2,629,182
CICCONE HORAN, CHRISTINE 2,761,119
CIMC CONTAINERS HOLDING COMPANY LTD. 2,885,764
CIRIER, VIRGILE 2,724,410
CLAGETT-DAME, MARGARET 2,877,680
CLARIANT FINANCE (BVI) LIMITED 2,787,445
CLARK, JOHN P., III 2,727,235
CLAWSON, JEFFREY J. 2,774,056
CLOUTET, ERIC 2,773,986
CO2 CAPSOL AS 2,709,604
COBHAM, ANDREW 2,708,092
COBRA ANCHORS CO., LTD. 2,772,039
COEUR, INC. 2,889,313
COGEN, JEFFREY M. 2,812,746
COHN, SIMON 2,761,617
COHN, WILLIAM E. 2,729,803
COLAVIZZA, DIDIER 2,749,892
COLBERT, ROBBIE B. 2,881,297
COLE, MARK A. 2,629,182
COLEMAN, DAVID W. 2,881,297
COLLIER, RYAN 2,718,888
COLLYER, BRENT 2,721,581
COMAU S.P.A. 2,835,168
COMPASS DATACENTERS, LLC 2,808,914
CONNOLLY, CHRIS 2,880,002
CONNOLLY, DENNIS M. 2,757,597
CONTINENTAL REIFEN DEUTSCHLAND GMBH 2,776,559
COOPERVISION INTERNATIONAL HOLDING COMPANY, LP 2,828,418
CORN, JAY 2,718,888
CORQUEST MEDICAL, INC. 2,844,285
CORRE, PIERRE-YVES 2,762,035
CORSI, CAMILLA 2,746,394
CORSON, ANDREW 2,854,710
CORTES, MANUEL VALIENTE 2,832,439
CORTEZ, JEROME LIM 2,721,581
COSBY, MARK RYDELL 2,758,162
COTE, BRADLEY 2,714,850
COVIDIEN LP 2,819,803
CRAMAIL, HENRI 2,773,986
CRANKSON, KWAMINA 2,773,191
CRAWLEY, SETH 2,735,719
CREARENE LTD. 2,769,133
CREATIER INTERACTIVE, LLC 2,689,065
CREO MEDICAL LIMITED 2,808,473
CREWS, JAMES B. 2,907,615
CRISTEA, CAREY 2,744,395
CROCKETT, BARBARA A. 2,923,250
CROLL, BRIAN PATRICK 2,860,659
CROSBY, CHRISTOPHER J., JR. 2,808,914
CROWLEY, KIERAN JAMES 2,774,210
CRUME, BRUCE A. 2,882,287
CRUNKILTON, JEFFREY R. 2,775,578
CRUZ DOMINGUEZ, FRANCISCO JOSE 2,804,094
CRYSTAL PHARMA, S.A.U. 2,769,498
CTA ACOUSTICS, INC. 2,903,245
CUBIC CORPORATION 2,751,113
CUDE, MICHAEL J. 2,889,313
CURASEAL INC. 2,735,748
CYR, DALE RONALD 2,752,538
CYREK, JOSEPH P. 2,835,168
CZARNOWSKI, JAMES TAYLOR 2,929,372
D'ALEO, MARCO 2,701,999
D'EMAL, CHRISTIAN 2,764,178
DAAGE, MICHEL A. 2,802,341
DAAGE, MICHEL A. 2,810,550
DACQUAY, BRUNO 2,749,743
DAHLMANN, UWE 2,787,445
DAINICHISEIKA COLOR & CHEMICALS MFG. CO., LTD. 2,898,272
DALHOUSIE UNIVERSITY 2,733,415
DANDEKAR, AJIT B. 2,802,341
DANG, CHANGJIU 2,766,127
DANIEL, MATTHEW DAVID 2,761,617
DANIELS, BRUCE KEVIN 2,752,538
DANISHEFSKY, SAMUEL J. 2,832,439
DANOV, VLADIMIR 2,752,662
DANTAS, ROY JUDE 2,773,403
DATTA, ANIMESH 2,939,202

DAVIDSON, ROBERT R. 2,765,251
DAVIS, PAUL C. 2,885,310
DAVIS, STEPHEN THOMAS 2,757,084
DAY, ROGER L. 2,760,967
DAY, WILLIAM 2,774,422
DE ASSIS, IGOR RIBEIRO 2,908,149
DE CANNIERE, DIDIER 2,844,285
DE FALCO, MAURO 2,811,463
DE VLAAM, HENDRIKUS LOUIS STEPHANUS 2,799,672
DECONCILIS, MICHAEL F. 2,772,756
DECRISTOFORO, DEAN A. 2,638,249
DECRISTOFORO, MARTIN 2,746,585
DEKOOS, DAVID 2,937,393
DEL GALDO, GIOVANNI 2,873,677
DELMONICO, DOUGLAS 2,752,556
DELUCA, HECTOR F. 2,877,680
DEMARCO, ALPHONSE CARL 2,931,432
DEMEULE, MICHEL 2,450,073
DENNIS, DURWILL 2,858,230
DENOYELLE-GRYSON, FRANCOISE 2,852,463
DENTSPLY INTERNATIONAL INC. 2,776,494
DENTSPLY INTERNATIONAL INC. 2,808,327
DEPASE, EDOARDO P. 2,897,045
DEPUY SYNTHES PRODUCTS, INC. 2,767,403
DEPUY SYNTHES PRODUCTS, LLC 2,769,215
DESANTIS, PETER N. 2,697,540
DESBARATS, ANDREW 2,737,929
DESFORGES, DANIEL 2,783,954
DESJARDIN, MICHAEL 2,894,876
DESSART, NICHOLAS JAMES 2,765,251
DEUBER, LOUIS 2,797,039
DHALA, AMYN 2,864,747
DHONDI, NAVEEN KUMAR 2,772,642
DIALIGHT CORPORATION 2,888,849
DIAMOND INNOVATIONS, INC. 2,768,826
DICKIE, ROBERT G. 2,686,610
DIELTJENS, LUC LOUIS MARIA 2,896,706
DIENSTHUBER, FRANZ 2,776,559
DIETRICH, AXEL 2,791,445
DIETRICH, RENE H. 2,794,552
DIGGS, NANCY Z. 2,698,036
DIGIOVANNI, ANTHONY A. 2,848,651
DIGIOVANNI, ANTHONY A. 2,858,712
DILLON, JASON 2,730,767
DING, JIENAN 2,776,320
DINH, CONG THANH 2,846,730
DISCH, SASCHA 2,882,775
DITTGEN, JAN 2,745,006
DITTMER, JAY 2,801,691
DO, THI N. 2,776,337
DOCUSIGN, INC. 2,755,286
DOLBY LABORATORIES LICENSING CORPORATION 2,837,893
DOLMAN, KEVIN 2,788,700
DOMKE, IMME 2,752,662
DONDERICI, BURKAY 2,890,140
DONELLO, JOHN E. 2,737,604
DONINI, CRISTINA 2,748,218
DONITZKY, CHRISTOF 2,841,373
DONITZKY, CHRISTOF 2,868,425
DOORNEKAMP, MARTIN 2,799,672
DORSCH, DIETER 2,748,218
DOSTER, GARY A. 2,788,518
DOURNEL, PIERRE 2,762,712
DOW GLOBAL TECHNOLOGIES LLC 2,812,746
DOW, PHILIP JAMES 2,929,372
DRAPER, JENNIFER D. 2,923,872
DRAPER, JENNIFER D. 2,923,874
DREHER, ANDREAS JOSEF 2,860,659
DREWES, STEPHAN 2,894,603
DU, JINFA 2,727,495
DUBOIS CHEMICALS, INC. 2,801,015
DUCARRE, JACQUES 2,743,096
DUCAUCHUIS, JEAN-PIERRE 2,896,562
DUDDING, ASHLEY THOMAS 2,721,581
DUFFEY, JEAN-LOUIS 2,755,826
DUMM, TIMOTHY 2,768,826
DUNCAN, DAVID R. 2,884,022
DUPONT TEIJIN FILMS U.S. LIMITED PARTNERSHIP 2,786,685
DUSA PHARMACEUTICALS, INC. 2,881,439
DYWIDAG-SYSTEMS INTERNATIONAL GMBH 2,857,477
E-Z BEAD, LLC 2,666,118
E. I. DU PONT DE NEMOURS AND COMPANY 2,710,529
E2V SEMICONDUCTORS 2,746,019
EAGLEPICHER TECHNOLOGIES, LLC 2,790,341
EARNSHAW, ANDREW 2,771,293
EATON CORPORATION 2,739,947
EBERT, CHARLES 2,770,408
ECOLAB USA INC. 2,886,971
ECONOUS SYSTEMS INC. 2,742,093
EDMUNDS, ANDREW 2,746,394
EDWARDS LIFESCIENCES CORPORATION 2,744,395
EDWARDS LIFESCIENCES CORPORATION 2,817,732
EDWARDS LIFESCIENCES CORPORATION 2,835,947
EDWARDS, ERIC S. 2,762,072
EDWARDS, EVAN T. 2,762,072
EDWARDS, KATHLEEN E. 2,821,081
EGGERT, THORSTEN 2,709,054
EGGLESTON, YVES 2,926,074
EGI, MOTOHARU 2,869,879
EHLINGER, JEFF 2,717,813
EHRHARDT, JOHN R. 2,688,827
EICHENBERGER, MARTIN 2,804,417
EKMAN, EERO 2,755,129
EL QACEMI, MYRIEM 2,746,394
ELC MANAGEMENT LLC 2,726,996
ELC MANAGEMENT LLC 2,883,006
ELC MANAGEMENT LLC 2,923,250
ELECTION SYSTEMS & SOFTWARE, LLC 2,846,699
ELEMENT SIX LIMITED 2,882,110
ELEMENT SIX LIMITED 2,882,113
ELFSTROM, ALLAN 2,901,283
ELI LILLY AND COMPANY 2,923,763
ELMESTRAND, KARL 2,894,837
ELVIDGE, BENJAMIN R. 2,698,036
EMERSON ELECTRIC CO. 2,919,800
EMN8, INC. 2,731,447
ENABLON 2,699,644
ENCORE RAIL SYSTEMS, INC. 2,752,556
ENERGY TECHNOLOGIES INSTITUTE LLP 2,790,688
ENGEL, KAREN 2,777,907
ENGEN, JOHN R. 2,758,917
ENGIE ELECTROPROJECT B.V. 2,895,708
ENGRAV, PETER 2,717,347
ERDMAN, WILLIAM L. 2,770,318
ERHART, MICHAEL 2,737,929
ERIKSSON, ERIK 2,872,359
ERIKSSON, MARCUS 2,826,702
ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) 2,709,323
ESTEE LAUDER INTERNATIONAL, INC. 2,894,192
ETHICON ENDO-SURGERY, INC. 2,695,725
ETHICON, INC. 2,761,617
ETHICON, LLC 2,854,710
EUSTERBARKEY, CARSTEN 2,894,335
EUTICALS SPA 2,763,034
EVANS, DAVID E. 2,766,644
EVERDAHL, THOMAS 2,773,852
EVONIK DEGUSSA GMBH 2,709,054
EXPRO METERS, INC. 2,763,461
EXPRO METERS, INC. 2,766,127
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,786,895
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,802,341
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,810,550
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,821,081
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,732,710
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,889,357
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,925,223
F. HOFFMANN-LA ROCHE AG 2,758,210
F. HOFFMANN-LA ROCHE AG 2,771,493
F. HOFFMANN-LA ROCHE AG 2,773,674
F. HOFFMANN-LA ROCHE AG 2,894,932
F.HOFFMANN-LA ROCHE AG 2,847,943
FABIO PERINI S.P.A. 2,790,110
FABRICAS MONTERREY, S.A. DE C.V. 2,838,323
FACEBOOK, INC. 2,825,335

FACEBOOK, INC. 2,908,149
FALCH, CORNELIA 2,777,665
FALKENSTEIN, ROBERTO 2,773,674
FARR, CHARLIE 2,758,538
FARRAR, QUINTON 2,730,767
FASCHING, RICHARD E. 2,905,852
FAULKNER, EDWARD R. 2,920,831
FAURE, ANDRE 2,724,410
FAVRE, CHRISTINE 2,667,128
FEF CHEMICALS A/S 2,773,852
FEIGEL, KURT R., JR. 2,742,881
FEORINO, JAMES J., JR. 2,784,000
FERNANDEZ ALVAREZ, LUIS JOAQUIN 2,916,832
FESTEL, GUNTER 2,716,427
FETTE, CLAY 2,856,553
FETVEDT, JEREMY ERON 2,856,993
FEUCHT, DIETER 2,745,006
FEYNMAN, CARL RICHARD 2,827,312
FIELD CONTROLS, LLC 2,823,458
FIELD, LESLIE A. 2,701,828
FIELDS, TODD 2,923,763
FILACI, GILBERTO 2,727,388
FINGLAND, BRADLEY R. 2,802,341
FINLAY, HEATHER 2,772,642
FISCHER, HANS-JOACHIM 2,803,185
FISCHER, REINER 2,745,006
FISHER CONTROLS INTERNATIONAL LLC 2,656,180
FISHER, COREY 2,887,995
FISHER-ROSEMOUNT SYSTEMS, INC. 2,806,946
FITZGERALD, BRIAN M. 2,673,685
FLECK, BRIAN 2,687,409
FLEISCHER, HENRIK 2,709,604
FLIEG, RALF 2,859,830
FLOREZ CASTRO, ALBERTO 2,916,832
FLURY, MEINRAD 2,794,552
FOLEY, KEVIN 2,386,121
FOLISE, MICHAEL JOSEPH 2,814,471
FONG, KENTON 2,735,748
FONG, MO-HAN 2,771,293
FOQUET, MATHIEU 2,737,505
FORD, CHERYL 2,920,976
FORLANO, LUIGI 2,701,999
FORTE, JEAN-PIERRE 2,933,860
FORTUNA, JON 2,718,265
FORUM US, INC. 2,717,813
FOWLER, DENNIS 2,776,320
FPS FOOD PROCESSING SYSTEMS B.V. 2,799,672
FRACCALVIERI, DONATO 2,701,999
FRANCIS, CHARLES A. 2,828,418
FRANKEN, EVA-MARIA 2,745,006
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,777,665
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,873,677
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,882,775
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,920,964
FRAZIER, W. LYNN 2,886,988
FREEMAN, JENNIFER L.R. 2,757,084
FREIDZON, YAKOV 2,894,560
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,920,976
FREUND, HOWARD 2,821,081
FRIDRICH, HEINZ 2,809,069
FRIEDMAN, MICHAEL J. 2,864,747
FROEHLICH, JAN 2,774,422
FROST, CHARLES 2,791,171
FUCHS, GUILLAUME 2,920,964
FUCHS, SIMON 2,766,424
FUDE, JOE E. 2,801,938
FUGITT, GARY 2,751,653
FUISZ, RICHARD C. 2,702,211
FUJIKURA, LTD. 2,887,523
FUJIMORI KOGYO CO., LTD. 2,733,361
FUKAE, KAZUHIRO 2,694,542
FUKASAWA, MASASHI 2,733,361
FULPER, LESTER DAVID 2,764,151
FUNDACIO EURECAT 2,768,762
FUNG, PAUL Y. 2,710,344
FURUKAWA, HIRONORI 2,863,384
FUTURE ENERGY, LLC 2,867,873
GABATHULER, REINHARD 2,450,073
GACIC, ACA 2,749,559
GADBERRY, DONALD L. 2,711,116
GADE, MAHESH 2,656,180
GADELLE, STEPHANE 2,687,827
GADSBY, ELIZABETH DEIBLER 2,945,007
GAGNE, GASTON 2,746,925
GAILLARD, ARNAUD 2,755,598
GAILLARD, JEAN-LUC 2,726,285
GALACTICA PHARMACEUTICALS, INC. 2,690,056
GALAPAGOS NV 2,765,988
GALLET, FRANCOIS 2,843,046
GAMBRO LUNDIA AB 2,859,830
GAMEI, JAMES ALEXANDER 2,871,556
GANE, PATRICK ARTHUR CHARLES 2,708,833
GANGADHARMATH, UMESH B. 2,722,858
GANNON, FRANK 2,797,450
GARCIA CORTEZ, CARLOS ADRIAN 2,838,323
GARDENFORS, DAN ZACHARIAS 2,826,702
GARROTT, CHARLES E. 2,808,327
GARSHA, KARL 2,774,422
GARST, MICHAEL E. 2,737,604
GARTH, GEOFFREY 2,941,468
GAWEL, MAREK 2,809,069
GEBO PACKAGING SOLUTIONS FRANCE 2,768,400
GELLI, MAURO 2,790,110
GENENTECH, INC. 2,746,330
GENERAL ELECTRIC TECHNOLOGY GMBH 2,874,029
GENOVA, PERRY A. 2,854,710
GENTA, MINORU 2,900,759
GEORGE MYER COMPANY, INC. 2,753,530
GERHARDT, TOBIAS 2,897,547
GERKEN, STEVEN 2,920,303
GIANGRANDI, OSVALDO 2,882,462
GIARDIELLO, MIRKO 2,883,958
GIBBONS, IAN 2,666,338
GIESELMAN, MATTHEW D. 2,735,719
GIL, DANIEL W. 2,737,604
GILBERT, BENOIT 2,673,399
GILEAD PHARMASSET LLC 2,727,495
GILIN, MICHAEL 2,732,181
GILL, COOPER C. 2,903,330
GILL, ROBERT P. 2,695,725
GILLE, ANDREAS 2,791,445
GIMBEL, DAVID 2,719,878
GINTHER, SCOTT 2,751,653
GIOVANNINI, CATIA 2,694,267
GKN AEROSPACE SERVICES LIMITED 2,734,618
GLACKIN, BRENDAN 2,893,296
GLICK, GARY D. 2,698,248
GLOBAL BIO THERAPEUTICS, INC. 2,920,303
GLOBAL MEDICAL ISOTOPE SYSTEMS LLC 2,933,961
GLOBAL PAYMENTS, INC. 2,638,249
GLYTECH, INC. 2,694,542
GODFREY, CHRISTOPHER RICHARD 2,746,394
GODFREY, GRAHAM 2,749,384
GODFREY, GRAHAM 2,749,390
GOERGENS, ULRICH 2,745,006
GOFFER, AMIT 2,740,438
GOHIMUKKULA, DEVI REDDY 2,757,084
GOLDMAN, ROGER 2,776,320
GOLDMANN, CLAUDIA M. 2,751,560
GOMAA, AHMED M. 2,901,517
GONZALEZ ALEMANY, MIGUEL ANGEL 2,916,832
GONZALEZ FERNANDEZ, ENRIQUE 2,916,832
GONZALEZ PANTIGA, JUAN DOMINGO 2,916,832
GONZALEZ, MARIA RAMIREZ 2,884,487
GOOGLE INC. 2,786,727
GOOGLE INC. 2,823,862
GORDON, GREGORY CHARLES 2,860,659
GORDON, RAZ 2,824,178
GOSSELIN, MARK 2,758,696
GOTO, SOTA 2,869,879
GOULD, CARL 2,842,805
GOULD, JOEL 2,744,876

GOUTOPOULOS, ANDREAS 2,751,886
GRAEN, LARRY 2,717,813
GRAMMANN, KATRIN 2,709,054
GRAY, MALCOLM B. 2,723,244
GRAYZEL, JEFFREY 2,737,043
GRAYZEL, JOSEPH 2,737,043
GREEN URETHANES LIMITED 2,753,346
GREEN, MARTIN RAYMOND 2,706,531
GREEN, TERRELL 2,751,653
GREENE, CAROL JUILLIARD 2,737,532
GREENE, MARVIN I. 2,902,258
GRETHER, UWE 2,758,210
GREYROCK ENERGY, INC. 2,923,204
GRIER, PATRICIA LUCAS 2,752,538
GRIESER-SCHMITZ, CHRISTOF 2,785,436
GRIFFITHS, BRYAN 2,767,403
GRISENTI, PARIDE 2,763,034
GROOTHERDER, BEREND DERK 2,799,672
GROSFILS, MATTHIEU 2,933,860
GROTHEN, BRAD D. 2,827,256
GROW TUBE, LLC 2,768,662
GRUPO PETROTEMEX, S.A. DE C.V. 2,737,532
GUESDON, JEAN-LUC 2,852,463
GUNAGA, PRASHANTHA 2,772,642
GUNER, BARIS 2,890,140
GUO, JIAYIN 2,756,143
GUO, SILONG 2,755,049
GUO, YANHUA 2,894,192
GUPTA, VIVEK G. 2,878,215
GUTHRIE, JOSEPH D. 2,905,676
GUTIERREZ FUENTES, LUIS GERARDO 2,769,498
GUZEL, MUSTAFA 2,757,084
GUZMAN, SHAWN JOSE 2,903,245
GYSLING, DANIEL L. 2,763,461
GYSLING, DANIEL L. 2,766,127
HAAP, WOLFGANG 2,758,210
HAAS, THOMAS 2,709,054
HABA, EISUKE 2,790,021
HACH LANGE GMBH 2,829,506
HACHTEL, STEPHANIE 2,791,445
HAEGER, HARALD 2,709,054
HAEUSER-HAHN, ISOLDE 2,745,006
HAGAN, LUKE 2,945,007
HAGGAS, JOHN STEPHEN 2,767,121
HALL, JEFFREY 2,883,685
HALL, ROGER GRAHAM 2,746,394
HALLIBURTON ENERGY SERVICES, INC. 2,747,973
HALLIBURTON ENERGY SERVICES, INC. 2,821,267
HALLIBURTON ENERGY SERVICES, INC. 2,886,191
HALLIBURTON ENERGY SERVICES, INC. 2,888,807
HALLIBURTON ENERGY SERVICES, INC. 2,890,140
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INSCAPE DATA, INC. 2,968,972
INSTITUTE OF CHEMISTRY, CHINESE ACADEMY OF SCIENCES 2,975,919
INTACT VASCULAR, INC. 2,974,957
INTELLIGENT FINGERPRINTING LIMITED 2,956,026
INTERCEPT PHARMACEUTICALS, INC. 2,976,056
INTERGAS HEATING ASSETS B.V. 2,976,190
IONCLINICS AND DEIONIC, S.L. 2,976,178
IQBAL, IMRAN 2,975,450
IRVING, CHARLES SHERARD 2,972,700
ISHIDA, OSAMU 2,976,184
ISHTIAQ, FAISAL 2,973,490
IVENIX, INC. 2,972,843
IWAMOTO, TATSUYA 2,975,580
IWAMOTO, TATSUYA 2,975,582
IWAMOTO, TATSUYA 2,975,586
IWAMOTO, TATSUYA 2,975,587
JAFFER, SABIR SADRUDDIN 2,976,023
JAIN, NITESH 2,972,764
JAIN, SANDEEP 2,976,120
JAMES, JESSE M. 2,972,480
JAMISON, DALE E. 2,973,466
JANG, YEONG SU 2,972,610
JANSEN, JELTE ADRIAAN 2,975,638
JANSEN, PATRICK 2,967,661
JANSSEN, PAUL 2,975,806
JAYBRIDGE ROBOTICS, INC. 2,976,179
JEON, JUNTAK 2,975,722
JEONG, KEUN YEONG 2,972,610
JEZEQUEL, ALEXANDRE JULIEN 2,973,654
JIANGSU MIDEA CLEANING APPLIANCES CO., LTD. 2,970,696
JING, SHUQIAN 2,975,633
JOHN, VARGHESE 2,976,258
JOHNSON, JERRILL SCOTT 2,972,660
JOHNSON, JONATHAN 2,956,026
JOHNSON, PETER L. 2,975,730
JOHNSON, PETER L. 2,975,731
JONES, DANIEL 2,975,737
JONES, RUSSELL B. 2,976,013
JOSEF SCHAIDER PRIVATSTIFTUNG 2,976,041
JUDSON, JARED A. 2,975,629
JUN, HELEN TONI 2,975,753
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,975,725
KAI, TETSUTARO 2,975,982
KAILASAM, SRIDHAR K. 2,968,832
KAJIYAMA, AKIHISA 2,976,022
KALIN, ERICH 2,973,513
KAMIYA, TAKAHIRO 2,975,851
KAMOSHIDA, SHIGEMI 2,975,984
KANNAPPA, SANDEEP MAVUDURU 2,976,144
KANNO, KAZUHIKO 2,975,984
KANOU, OSAMU 2,976,065
KAPPELI, DANIELA 2,975,546
KASHI, RAMESH 2,975,623
KASHIMA, TETSUYA 2,976,022
KASPER, DONALD WILLIAM, III 2,972,973
KATO, MASAHIRO 2,975,863
KAWAI, NAOKI 2,975,868
KAWAKAMI, TAKUYA 2,975,984
KAZANTSEV, ALEXEI V. 2,976,231
KEANE, ZACHARY KYLE 2,973,060
KEASLER, VICTOR 2,975,910
KEEP, AARON N. 2,969,130
KEHOE, DANIEL G. 2,975,618
KEHRY, MARILYN 2,975,753
KEIMEL, CHRISTOPHER FRED 2,968,353
KENNEDY, TIMOTHY JUDE 2,975,998
KERR, SHAWN 2,975,557
KERSTEN, ROY 2,973,425
KESER, OZGUR 2,968,955
KESSLER, JULIAN 2,975,475
KHANDEKAR, CHANDRASHEKHAR YESHWANT 2,972,768
KHASANOV, ALISHER B. 2,976,064
KICZENSKI, TIMOTHY JAMES 2,972,778
KILARU, RAVEENDRA BABU 2,975,884
KILDE, HENRIK 2,968,923
KILLGOUR, PAUL BRIAN ALEC 2,975,756
KIM, HWAN MOOK 2,972,610
KIM, SEUNGHUN 2,947,013
KIMBERLY-CLARK WORLDWIDE, INC. 2,976,186
KIMBERLY-CLARK WORLDWIDE, INC. 2,976,209
KIMBERLY-CLARK WORLDWIDE, INC. 2,976,211
KIMBERLY-CLARK WORLDWIDE, INC. 2,976,213
KIMURA, NATSUKO 2,976,180
KING, DAVID J. 2,975,753
KING, STEPHEN C. 2,970,339
KINKI UNIVERSITY 2,975,856
KIPKE, CARY A. 2,970,339
KIRKLAND, JASON 2,976,186
KIRKLAND, JASON 2,976,213
KITEFARMS LLC 2,976,128
KLINE, PAUL A. 2,976,020
KLINGENSMITH, LEWIS KIRK 2,972,777
KNABE, STEVEN P. 2,975,591
KNAKE, MOLLIE 2,975,557
KNAPPCO CORPORATION 2,966,795
KNAUF GIPS KG 2,973,272
KOBAYASHI, FUMINORI 2,975,720
KOENIG, DAVID J. 2,969,155
KOLL, DETLEF 2,973,381
KOMPELLA, UDAY BHASKAR 2,976,120
KON, TAKANORI 2,975,868
KONISHI, DAISUKE 2,975,863

KOOSHA, EMAN 2,976,012
KRAFT II, JOHN C. 2,975,853
KRAY, NICHOLAS JOSEPH 2,972,764
KREYE, LISA 2,975,915
KRIEG, GUNTHER 2,975,788
KRTEK, RICHARD A. 2,976,085
KRUIZINGA, MATTHIAS 2,975,806
KUBOTA, TIMO 2,975,754
KUHLMAN, MYRON I. 2,975,611
KUIJPERS, MARIJN 2,976,200
KUMAZAWA, SHOHEI 2,975,865
KUPERSHMIDT, LANA 2,975,673
KURARAY CO., LTD. 2,975,863
KUREHA CORPORATION 2,975,720
KURIMURA, TAKAYUKI 2,976,181
KURIMURA, TAKAYUKI 2,976,182
KUSUNOKI, NORINOBU 2,975,868
L&P PROPERTY MANAGEMENT COMPANY 2,976,085
LACORTE, GEOFFERY JOSEPH 2,975,998
LAING O'ROURKE AUSTRALIA PTY LIMITED 2,976,118
LAMANTIA, MICHAEL 2,969,469
LANCASTER, PATRICK R., III. 2,973,294
LANDIS+GYR INNOVATIONS, INC. 2,969,576
LANDMARK GRAPHICS CORPORATION 2,975,591
LANGHALS, HEINZ 2,975,788
LANTECH.COM, LLC 2,973,294
LANZKRON, PAUL J. 2,972,490
LAPOINTE, BLAIR T. 2,975,997
LAPSTUN, PAUL 2,975,758
LARSON, DONALD K. 2,970,339
LARSON, STEVEN M. 2,976,074
LASSOIE, JEAN-PIERRE 2,975,598
LAU, KELVIN 2,976,045
LAURENCE, LAWTON 2,976,047
LEBEDEV, GOR 2,973,052
LEBEDEV, GOR 2,973,053
LEBEDEV, GOR 2,973,055
LEE, BYUNG 2,973,340
LEE, BYUNG 2,973,351
LEE, CHANG DONG 2,971,180
LEE, GLORIA TSI-YIE 2,975,729
LEE, JAEHEON 2,972,271
LEE, JAEHEON 2,972,688
LEE, YOKE SAN DANIEL 2,975,726
LEE, YONGJAE 2,968,353
LEMBCKE, JEFFREY JOHN 2,975,918
LEONARD, PAUL C. 2,975,747
LESSENE, GUILLAUME LAURENT 2,976,121
LESSER, THOMAS JAMES 2,972,660
LEUNG, JUSTIN 2,976,023
LEVIE, IAIN 2,972,762
LEVITON MANUFACTURING CO., INC. 2,968,955
LG ELECTRONICS INC. 2,947,013
LHERMITE, JEROME 2,972,572
LI, DONGHONG 2,975,990
LI, JIAN 2,968,975
LI, JIN 2,975,602
LI, JUAN 2,975,734
LI, RENXIANG 2,973,490
LI, SHAOHUA 2,975,990
LI, SHENWEN 2,976,137
LI, SOL MINGSO 2,976,155
LI, WENJENG 2,975,389
LI, WENJIA 2,975,990
LI, YANG 2,975,475
LI, YANGMING 2,976,137
LI, YUEMING 2,975,763
LI, YULONG 2,976,122
LI, ZHEN 2,972,894
LINDNER, ALBRECHT JOHANNES 2,969,482
LING, JON JET 2,972,660
LINTULA, ERIC 2,976,063
LIRETTE, BRENT JAMES 2,972,762
LITTLE, DAVID J. 2,975,389
LITTLE, JAMES C. 2,976,212
LITVACK, MICHAEL 2,975,780
LIU, GANG 2,975,990
LIU, JUNYUN 2,975,602
LIU, KUN 2,975,997
LIU, LI-TE 2,975,749
LIU, PENG 2,976,132
LIU, ZHITONG 2,976,251
LIVENS, STEFAN 2,973,304
LOGAN, AARON WILLIAM 2,976,134
LOGAN, JUSTIN CHRISTOPHER 2,976,134
LOGCON HORTINORR AB 2,973,868
LOIRE, SOPHIE MARIE LOUISE 2,972,973
LOMBARDI, ALFRED J. 2,968,955
LONG, AUSTIN G. 2,976,085
LONGO, MICHAEL 2,974,957
LONGO, VALTER D. 2,976,219
LONZA INC. 2,976,061
LOOMBA, ROHIT 2,975,893
LOVE, JOHN C. 2,976,047
LUBBY HOLDINGS, LLC 2,975,857
LUMLEY, ROBERT 2,976,128
LUMMUS TECHNOLOGY INC. 2,975,325
LUNDGREN AKERLUND, EVY 2,976,203
LUO, WEN 2,976,122
LUO, YI 2,975,749
LUU, VAN 2,976,048
M-I L.L.C. 2,972,768
MAC AULEY, JUSTIN 2,976,117
MACHINES HIGHEST MECHATRONIC GMBH 2,968,641
MACKAY, KENNETH J. 2,975,585
MACLEAN, JOHN K. F. 2,975,997
MAEKAWA, TAKAHIRO 2,975,982
MAEKAWA, TAKASHI 2,975,871
MAGUIRE-BOYLE, SAMUEL JAMES 2,976,099
MAK, SIU WAI JACKY 2,975,901
MAK, TAK 2,976,130
MALLINSON, JAYANANDA 2,975,858
MALONE, AMBER P. 2,969,155
MAMLUK, RONI 2,975,599
MANIOULOUX, YOHAN 2,973,050
MANIOULOUX, YOHAN 2,973,052
MANIOULOUX, YOHAN 2,973,053
MANIOULOUX, YOHAN 2,973,055
MANUFACTURING RESOURCES INTERNATIONAL, INC. 2,976,116
MARINER, PETER D. 2,976,231
MARKPORT LIMITED 2,976,200
MARSALA, MARTIN 2,975,447
MARSH, EUGENE P. 2,975,852
MARSUPIAL HOLDINGS LLC 2,972,962
MARTEN, JOSEPH MATTHEW 2,975,996
MARTIN BANDERAS, LUCIA 2,976,040
MARTIN, DANIEL GEORGE 2,976,133
MARTIN, ERIC T. 2,975,825
MASAKI, RYUTA 2,976,022
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,970,370
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,976,074
MASSEY, JUSTIN 2,976,009
MASSOTTE, LAURENT 2,973,809
MASTERCARD INTERNATIONAL INCORPORATED 2,973,582
MASUDA, AKIRA 2,974,936
MATHEIDAS, MICHAEL T. 2,972,928
MATHER, JONATHAN FRANCIS 2,976,049
MATHERLY, LARRY H. 2,976,067
MATHREAD INCORPORATED 2,975,628
MATSUMOTO, KAZUTOSHI 2,976,022
MATSUMOTO, MINEAKI 2,976,181
MATSUMOTO, MINEAKI 2,976,182
MATSUMOTO, SHUHEI 2,976,180
MAUCEC, MARKO 2,975,591
MAURY MICROWAVE, INC. 2,973,340
MAURY MICROWAVE, INC. 2,973,351
MCCABE, MICHAEL A. 2,976,099
MCCABE, MICHAEL A. 2,976,100
MCCARTHY, DONALD C. 2,976,222
MCCORMICK, JAROD 2,975,743
MCDONALD, CHRIS H. 2,969,130
MCGINNESS, KATHLEEN 2,972,714
MCINNES, LUKE WILLIAM 2,975,900
MCKENNA, JOHN 2,973,381
MCKINNON, PETER 2,975,624
MCLAREN, MATTHEW DAVID 2,975,760
MCMILIN, EMILY BETH 2,969,543
MEDELA HOLDING AG 2,975,546
MEDELA HOLDING AG 2,976,164
MEDFORD, JAMES R. 2,974,106
MEDTRONIC XOMED, INC. 2,975,389
MEHRARA, BABAK 2,975,879
MEI, ZHE 2,976,122
MEIRAGTX UK II LIMITED 2,975,735
MEMORIAL SLOAN KETTERING CANCER CENTER 2,975,879
MEMORIAL SLOAN KETTERING CANCER CENTER 2,976,074
MENCOS, RUBEN ADOLFO 2,975,993

MENOVA INTERNATIONAL, INC. 2,976,141
MERCK SHARP & DOHME CORP. 2,975,623
MERCK SHARP & DOHME CORP. 2,975,997
MESNIER, XAVIER PIERRE FRANCOIS 2,975,707
METIMEDI PHARMACEUTICALS CO., LTD. 2,972,610
MEZIC, IGOR 2,972,973
MIAO, ZHENWEI 2,976,064
MICALI, SILVIO 2,976,037
MICKA, DANIEL J. 2,975,826
MICO SEGURA, JUAN ANTONIO 2,976,040
MIDDLEBROOK, BARRY ROY 2,975,756
MIDMARK CORPORATION 2,975,326
MIESSAU, JAMES A. 2,975,888
MIESSAU, JAMES A. 2,975,926
MIESSAU, JAMES A. 2,975,931
MIESSAU, JAMES A. 2,975,938
MILLIN, ANDREW 2,975,758
MINAKUCHI, NAMI 2,975,580
MINAKUCHI, NAMI 2,975,582
MINAKUCHI, NAMI 2,975,586
MINAKUCHI, NAMI 2,975,587
MINO, ASUMI 2,976,185
MITCHELL, MICHAEL P. 2,973,294
MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD. 2,976,181
MITSUBISHI HEAVY INDUSTRIES AERO ENGINES, LTD. 2,976,182
MITSUBOSHI BELTING LTD. 2,975,987
MIYASAKA, HIROAKI 2,976,191
MIYASAKA, HIROAKI 2,976,197
MIZUCHI, KATHRYN 2,976,164
MMODAL IP LLC 2,973,381
MOBASHERY, SHAHRIAR 2,976,096
MOBOPHILES INC. DBA MOBOLIZE 2,976,192
MOCHIZUKI, AYAKA 2,974,936
MOEDE, WARREN 2,976,186
MOEDE, WARREN 2,976,213
MOKVELD VALVES B.V. 2,975,638
MOLINARI, DANIELLE F. 2,975,997
MONOLITH MATERIALS, INC. 2,975,723
MONOLITH MATERIALS, INC. 2,975,730
MONOLITH MATERIALS, INC. 2,975,731
MONTY, NATHAN P. 2,968,848
MOORE, STEPHEN DAVIS 2,973,214
MORA, JAMESON S. 2,969,130
MORGAN, ANDRE MICHELLE 2,976,123
MORGAN, RICHARD GARY 2,972,890
MORICE, PETER G. 2,976,228
MORRIS, STEPHANIE LYNN 2,972,778
MOSAIC BIOSCIENCES, INC. 2,976,231
MOUGHTON, COLIN 2,972,988
MULLER, MANFRED 2,973,817
MURAYAMA, KENICHI 2,976,191
MURAYAMA, KENICHI 2,976,197
MURPHY, MICHAEL S. 2,975,878
MURPHY, THOMAS 2,976,097
MUSSELWHITE, JEFF 2,972,762
MUSUNURI, SHANKAR 2,976,120
MYLAN LABORATORIES LIMITED 2,975,884
NAAMAN, OFER 2,968,827
NAAMAN, OFER 2,973,060
NABETA, TAKESHI 2,975,769
NADELLA, MADUMURTHY 2,975,884
NAGAVARAPU, ANANDA K. 2,972,796
NAGURA, KENJI 2,975,725
NAKAGAMI, HIROYUKI 2,976,185
NAKAI, MIHO 2,975,865
NALLAGANCHU, BHASKARA RAO 2,975,476
NARIKIYO, YOSHIKAZU 2,976,191
NARIKIYO, YOSHIKAZU 2,976,197
NATIONAL GYPSUM PROPERTIES, LLC 2,975,883
NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY 2,975,871
NATIONAL UNIVERSITY OF SINGAPORE 2,975,851
NATUREX SA 2,975,707
NCM INNOVATIONS (PTY) LTD 2,975,746
NEAMATI, NOURI 2,976,219
NEARMAP AUSTRALIA PTY LTD 2,975,758
NELSON, MIKAEL A. 2,966,795
NESTEC S.A. 2,973,802
NETZER, NIR 2,972,700
NEUPHARMA, INC. 2,976,227
NEW ENVIRONMENTAL TECHNOLOGY COUNCIL 2,975,856
NEW STEEL SOLUCOES SUSTENTAVEIS S.A. 2,976,261
NEW YORK AIR BRAKE LLC 2,975,824
NEWTON, RAYMOND R. 2,975,754
NGUYEN, BINH THANH 2,972,803
NHK ENGINEERING SYSTEM, INC. 2,976,191
NHK ENGINEERING SYSTEM, INC. 2,976,197
NICHOLS, DEREK 2,973,381
NICOVENTURES HOLDINGS LIMITED 2,973,654
NIMMER, JEREMY 2,976,179
NIPPON HOSO KYOKAI 2,976,191
NIPPON HOSO KYOKAI 2,976,197
NIPPON KAYAKU KABUSHIKI KAISHA 2,974,936
NIPPON SODA CO., LTD. 2,975,982
NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION 2,975,977
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,975,861
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,976,184
NIPRO CORPORATION 2,976,185
NISHIKAWA, KOSUKE 2,976,181
NISHIKAWA, KOSUKE 2,976,182
NISHIZAWA, HIDEKI 2,976,184
NISTICA, INC. 2,976,169
NIU, XIAOGUANG 2,975,762
NOBEL, ERNEST JOHN 2,972,660
NONNENMACHER, MATHIEU E. 2,975,583
NOOPL, INC. 2,975,955
NOORZAI, MUSTAFA 2,975,727
NOORZAI, OMAR 2,975,727
NORGARD, ELMER J. 2,975,620
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,968,827
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,973,060
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,974,106
NORTHROP, SCOTT P. 2,972,796
NORWOOD ARCHITECTURE, INC. 2,975,972
NORWOOD, STEVEN 2,975,972
NOTENBOOM, ARNOUD WILLEM 2,975,806
NOV DOWNHOLE EURASIA LIMITED 2,975,575
NOVARTIS AG 2,973,817
NOVINTUM MEDICAL TECHNOLOGY GMBH 2,975,454
NOVOMER, INC. 2,976,253
NOVOMER, INC. 2,976,255
NOY, BARAK 2,969,388
NTT ELECTRONICS CORPORATION 2,976,184
NUOVO PIGNONE TECHNOLOGIE S.R.L. 2,972,907
O'LEARY, KEITH R. 2,975,883
O'RIORDAN, CATHERINE 2,976,075
OCUGEN, INC. 2,976,120
OGINO, HIROKI 2,975,984
OKADA, ERIKO 2,975,982
OKANO, MASAHIRO 2,976,191
OKANO, MASAHIRO 2,976,197
OKUNO, TAKASHI 2,975,725
OLIVER GARCIA, JOSEP 2,976,178
OLSON, GARY L. 2,975,476
OMNIX MEDICAL LTD. 2,975,971
ONCOCEUTICS, INC. 2,975,476
ONCOMED PHARMACEUTICALS, INC. 2,975,596
ONDA, TAKESHI 2,974,936
ONE MEDIA, LLC 2,976,144
ONIK, GARY M. 2,975,888
ONIK, GARY M. 2,975,926
ONIK, GARY M. 2,975,931
ONIK, GARY M. 2,975,938
OOE, YOSHINAO 2,975,976
OR-NIM MEDICAL LTD. 2,975,859
OROSA, JOHN A. 2,976,013
OSTROVSKY, MICHAEL 2,968,955
OTHMAN, ASEM 2,976,049

OTSUKA PHARMACEUTICAL CO., LTD. 2,975,719
PADMANABHAN, SATHYA 2,973,340
PADMANABHAN, SATHYA 2,973,351
PALERMO, ADAM 2,976,075
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,975,976
PANDEY, KAPIL 2,966,795
PANG, JIE 2,975,762
PAPISMEDOV, LEVAN 2,968,955
PARAGON 28, INC. 2,976,063
PARAGON GENOMICS, INC. 2,976,251
PARK, YEON JOON 2,975,726
PARK, YOUNGHWAN 2,947,013
PARKER, JULIE 2,972,962
PARKER, WILLIAM P. 2,972,962
PARRISH, SCOTT K. 2,976,057
PASSEMARD, ANNE 2,975,707
PATEL, VYOMA 2,976,123
PAULET, BRYAN A. 2,975,918
PC-CUPS LTD. 2,975,531
PEARSONS, JEFFREY 2,975,685
PECK, BILL J. 2,975,852
PEDERSEN, LARS STORM 2,976,131
PEDERSEN, LARS STORM 2,976,140
PEETS, BRIAN G. 2,975,749
PEGASUS MEDIA SECURITY, LLC 2,976,020
PEREIRA, EDGARD LUIZ RAMOS 2,976,260
PEREIRA-ALMAO, PEDRO RAFAEL 2,975,531
PEREZ ZURITA, MARIA JOSEFINA 2,975,531
PESCHIERA, GABRIEL SEBASTIAN 2,972,973
PHILIPS LIGHTING HOLDING B.V. 2,973,522
PHILLIPS, DAVID BRUCE 2,975,454
PHOENIX, JEFFREY 2,967,690
PHYO, WAI MIN 2,975,726
PIERRE, FRANCOIS-XAVIER HENRI 2,975,707
PILEBRO, HANS 2,975,823
PILLDRILL, INC. 2,976,259
PINCHUK, GRIGORIY E. 2,976,207
PISOLKAR, TANVI 2,975,326
PIVOTTRAY PTY LTD 2,975,756
POLARIS INDUSTIRES INC. 2,969,155
PON, WAYNE S. 2,972,696
PONS, VICTORIA M. 2,975,918
POSNER, JONATHAN D. 2,975,747
POST, MARTIN 2,975,780
POTTORF, RICHARD S. 2,975,476
POWERS, BENJAMIN G. 2,972,843
POWERS, JUDY 2,975,749
POWERS, PATRICK J. 2,972,490
PRATT, DEREK A. 2,975,779
PRENCIPE, MICHAEL 2,976,123
PRENTICE, IAN FRANCIS 2,972,805
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,970,370
PRISCO, JOHN R. 2,975,389
PROJECT CLOUDKEY, INC. 2,976,023
PROSISE, WINIFRED W. 2,975,623
PROTECH SPA 2,975,914
PROULX, STEPHEN 2,975,685
PROVID PHARMACEUTICALS INC. 2,975,476
PRUZANSKI, MARK 2,976,056
PURAC BIOCHEM BV 2,975,324
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